Fordham

CALL US: Monday thru Friday 8:00 AM to 6:30 PM E.S.T.
Saturday 9:00 AM to 3:00 PM E.S.T.

Out of State Toll Free **800-645-9518**

NYS Toll Free **800-832-1446**

1988 VOL. 14 No. 7 $2.00

CONSUMER PRODUCTS

MINI JUKEBOX

MODEL JB-1

OUR PRICE $59.95 *SPECIAL!*

DESCRIPTION

Here's a unique opportunity to acquire a jukebox that's fun for the whole family. It's an attractive AM/FM radio and cassette player that can be coin operated (accepts and stores quarters) or manually switched on. It features colored blinking lights and a built-in 3" speaker. A special cassette tape is included featuring eight top ten hits, five were number one.

Titles Include: Chantilly Lace, Big Bopper; I'm a Believer, The Monkees; Blueberry Hill, Fats Domino; Come Go With Me, Dell Vickings; Stop! In the Name of Love, The Supremes; Rock Around the Clock, Bill Haley & the Comets; He's So Fine, Chiffons; I Can't Help Myself, Four Tops.

Power Source: AC adaptor (not included) or 4 "D" batteries (not included)

TELEMANIA
UNIQUE TWO-PIECE QUACKY PHONE

MODEL QUACKY-II **OUR PRICE $49.95**

DESCRIPTION

The Quacky II is a beautifully hand carved wooden phone rests comfortably on desk or table. Featuring a Quacky Ringer!!.

The duck makes a quacking sound when phone rings.

Other features include: tone/pulse switchable for use on any phone system, duck's eyes twinkling with LED power indicators, ringer Hi-Lo-Off control, fully modular, FCC approved.

SUPERCALL
NANTUCKET PHONE
Solid Oak Decorator Telephone

MODEL SH-402

OUR PRICE $119.95

DESCRIPTION

The Nantucket telephone was designed and handcrafted in the styling of the early telephone. It has a country look with the inner workings of the modern telephone.

It features pulse/tone dialing, and can be used with alternative long distance services. This piece mounts flatly on your wall and plugs into any modular jack with the corded modular plug. Size: 22"H x 10-1/4"W x 9"D including mouthpiece and shelf protrusion.

OLD TIME RADIO

MODEL BD-109

OUR PRICE $65.00

MODEL BD-117 ***SPECIALS!***

OUR PRICE $79.95

DESCRIPTION

The Old Time Radio is fashioned as it was in 1928, a rich solid wood cabinet, antique medal dial trim plate and an old fashion grill cloth.

It features an AM/FM rotary tuning knob, volume control, lighted dial, tone control and AM/FM/AFC selector. The Old Time Radio has a full 4" dynamic speaker and FM automatic frequency control. Size: 11"W x 13"H x 9"D. UL listed.

KINGSPOINT STUDIO MIXER

MODEL MS-007 **OUR PRICE $199.95**

DESCRIPTION

The versatile Music Mixer Studio and Boom Box combination, is for the music professional, teacher, student, or anyone who would like to create good music that sounds great. Make important "Demo Tapes". It features eight background drum and cymbal rhythms. Use an instrument (keyboard or guitar etc.) with a microphone, plus a pre-recorded tape, then play and/or sing your heart out!

Other features include: graphic equalizer, high speed synchronous dubbing, twin cassette deck, auto continuous play, stereo expandable sound separation, metal and CrO_2 tape accommodation, FM/AM/SW1/SW2 stereo receiver, 4 dynamic built-in speakers, 2 external speaker jacks, headphone jack, 100W output power.

Power Requirements: 110/220 AC or 15V DC (10 'D' batteries not included). Size: 25"W x 12-3/4"H x 6"D. Weight:14-1/2 lbs.

SONY SoundRider™ AM/FM STEREO CASSETTE-CORDER

MODEL CFS-W401 **OUR PRICE $129.95**

DESCRIPTION

The SoundRider is a dual cassette stereo cassette-corder with built in clock/alarm and sleep timer. It's another example of Sony's superb sound entertainment.

Key features include: dual cassette deck, high speed dubbing, relay play switches from A to B deck, auto reverse, 5 band equalizer, automatic music sensor, cue and review in fast forward and rewind, locking pause control, fine tuning control, soft eject, 4" speaker, built-in microphone, mix mic input, and two way AC/DC power supply. Power requirements: 6 "D" batteries (not included) or AC 120V 60Hz. Comes with AC power cord. Size: 20-7/8"W x 5-1/4"H x 4-3/4"D. Weight: 7 lbs. 7 oz.

SONY DREAM MACHINE AM/FM CLOCK RADIO

MODEL ICF-C220W

OUR PRICE $39.50

DESCRIPTION

Sony combines an AM/FM clock radio with a dual alarm system ideal for working couples who need different wake-up times. Its dramatic slant-front design positions all controls and read-outs for easy use and clear visibility. Other features include: buzzer or radio alarm, 60-minute sleep timer, Dream Bar, and power back-up. Size: 3-3/4"H x 9-1/4"W x 5-5/16"D.

Weight: 2 lbs. Color: Gray.

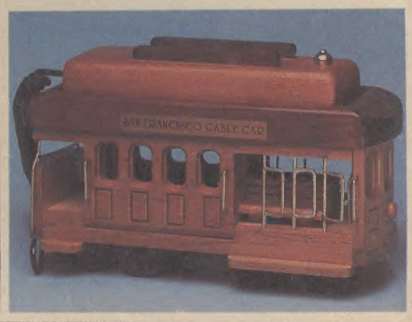
TELEMANIA SAN FRANCISCO CABLE CAR PHONE

MODEL RON-210

OUR PRICE $69.00

DESCRIPTION

This novel two piece cable design is an unsuspecting new vehicle for the telephone. It features tone/pulse switchable dialing, clang clang sound when it rings, and last number redial. Size: 9"L x 4"H x 3"W.



FORDHAM RADIO • 260 MOTOR PARKWAY • HAUPPAUGE • NEW YORK 11788

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RABBIT EYE OF THE STORM

The Chamber of Living Lightning

MODEL E-6000

OUR PRICE $99.95 SPECIAL!

DESCRIPTION

Within the Eye Of The Storm, a stream of charged particles suddenly bursts forth into the atmosphere of rare gases. A single strand of lightning erupts. Then another and another...until finally the wispy bolts of brilliant color explodes into a spectacular electrical storm. As you re-focus the electrical discharge inside the chamber, the threads of lightning thicken and split into jagged forks that strike out in dazzling starburst patterns.

Now, touch the chamber's surface and the unchained lightning gathers harmlessly about your hand in swirling "plasma" formations that follow your every move. The Eye Of The Storm will respond to the sound of music—or human voices—with vivid flashes of lightning. Explore the wonder of this raw energy form...recreating one of nature's greatest marvels.

LASER FX™ LIGHT SHOW FOR THE HOME

MODEL LFX-01 **OUR PRICE $198.00**

LASER FX projects huge multiple color images, on wall, ceilings, etc., in response to your music system. For years, the special effects (FX) departments of the movie industry have been using LASER effects to create movie magic on film. If you've wondered how some of the lightning effects have been done, LASER FX is your answer. LASER FX is truly hypnotic to watch. Because of its small size it can easily be carried from home to parties or wherever the music is. Music is not just for your ears anymore. Comes with AC power cord, Audio cords, 2 (Y) connectors.

PACIFIC TREND

Z™ Clock Radio

Exciting New Design

MODEL 60/20

OUR PRICE $49.95

DESCRIPTION

The ultimate Z AM/FM clock radio sports unusually creative and functional design. The Z clock radio features an accurate digital LED clock with dimmer switch, wakes you with an alarm, radio, snooze, slide volume contol, and directional speaker. In addition, it has a built-in soft night light which can be directed to almost any position.

SONY SOLAR POWERED SPORTS WALKMAN®

MODEL WM-F107

OUR PRICE $149.95

DESCRIPTION

The Sony solar powered Walkman was designed for optimum all-weather outdoor performance. Solar panel powers unit directly from sunlight. Four hours of charging via solar panel delivers two hours of tape playing. Power source: solar panel charges built-in NiCad battery, or Water-resistant battery case for 1 'AA' battery (not included). Other features include: AM/FM stereo cassette player, ultra-mini, water resistant MDR headphones, Dolby® B noise reduction, auto reverse, auto shut off, fast forward and reverse. Comes with battery case, MDR headphone, belt clip. Size: 3-1/8"W x 4-3/8"H x 1-3/16"D. Weight: 10 oz.

SONY WORLD BAND RADIO

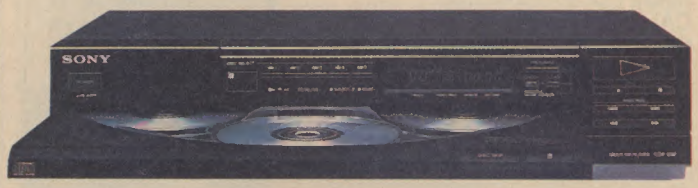
MODEL ICF-7700 **OUR PRICE $279.95**

DESCRIPTION

Sony's ICF-7700 World Band Radio with 15 bands offers electronic rotary tuning and 15 station memory presets. Features: 15 band receiver (12 SW, MW, LW and FM), LCD frequency read-out, built in clock sleep timer, PLL frequency synthesis tuning, dual conversion superheterodyne circuitry, radio stand-by, tone control, radio or buzzer wake-up alarm. Comes with earphone, carrying case, AM wire antenna, wave handbook. Size: 4-5/8"H x 7-5/8"W x 1-1/4"D. Weight: 1 lb. 5 oz.

SONY COMPACT DISC PLAYER with 5-DISC COMPONENT CHANGER

MODEL CDP-C5F **OUR PRICE $399.95**



DESCRIPTION

The only thing better than listening to one CD is the convenience of playing one after another without having to manually change the disc. So Sony created a revolutionary method for CD multiplay operation...it's called *DiscJockey®*. Its special, motorized carousel platter has five separate sections designed to hold a compact disc in each. The carousel electronically moves the desired disc into position on command. You can load one disc or as many as five. When all five sections are loaded your CDP-C5F will provide up to six hours of CD performance without repeating any selection. With 32-program capability the CDP-C5F also lets you use its extensive programming and repeat-play functions, to play your discs in any order and as frequently as you like. Remotely control the disc number played, repeat, search, play and pause with the wireless Remote Commander® Control (included) with the CDP-C5F. Size: 17"W x 4-1/4"H x 16-3/8"D. Weight: 16 lbs. 9 oz.

SONY 9-BAND RECEIVER

MODEL ICF-4920

OUR PRICE $99.95

DESCRIPTION

Sony's sleek, compact World Band Radio offers 9-band coverage, including shortwave (1-7), and AM/FM. Dual-conversion superheterodyne circuitry on SW for high sensitivity and interference rejection. Bandspread system in shortwave for easy station selection and pinpoint tuning. Runs on 2 'AA' batteries (not included). Size: 5-3/4"W x 3"H x 31/32"D. Weight: 8.6 oz. Comes with earphone, carrying case, and shortwave guide.

GPX® 4½" B&W MINI TELEVISION

MODEL TV-06 **OUR PRICE $79.95**

A nifty little 4-1/2" black and white diagonal television that you can take along with you. The unit stands freely or can be attached to the swivel base provided. It can also be mounted under a counter with the swivel base. Mount in the kitchen, work room or use it in your car. It has a high sensitivity UHF/VHF tuner and a "Quick Start" picture tube for low power consumption. It comes with a telescoping antenna, AC adaptor, 12 volt DC adaptor, telescoping antenna, external antenna jack and earphone jack. Size: 5-5/8"W x 5"H x 6"D. Comes in red, or black. Please specify when ordering.

CONSUMER PRODUCTS

AURORA E-Z DIALER

One Touch Dialer with
156 Name and Number Memory

MODEL EZ-7

OUR PRICE $47.50

FEATURES

- 156 Names and Numbers can be memorized.
- 3 Step Easy Input/Output.
- LONG DISTANCE and LOCAL One Touch Dialing.
- Memory Guard System (Approx. 5 years).
- 4 Function Calculator.
- Automatic Shut Off (Approx. 2 minutes).
- Size: 2-1/4"W x 4-1/8"L x 3/8"D.

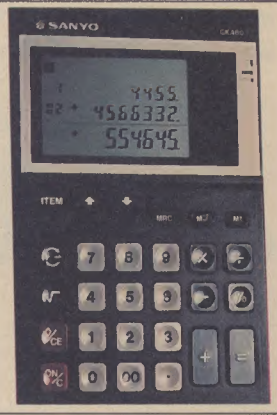
SANYO PAPERLESS CALCULATOR with CORRECTION CAPABILITY

MODEL CX-480

OUR PRICE $39.95

DESCRIPTION

Balance your checkbook with ease with Sanyo's Exclusive Paperless Printer. You can scan up and down to check and change up to 100 enteries.
The LCD display consists of 8 digits across by 4 lines down. It perform the 4 basic func tions, has 3 memory keys, and operates on three alkaline-manganese button cells. Size: 4"x 6-1/2" x 3/4".Weight: 6 ozs.



FRANKLIN COMPUTER LANGUAGE MASTER

Revolutionary Hand-Held Electronic Dictionary
with Built-In Theasaurus and Spelling Corrector

MODEL LM-2000

OUR PRICE $269.95

DESCRIPTION

The Language Master provides definitions for each of the more than 80,000 words in its list. The Merriam-Webster® Collegiate® thesaurus has 35,000 entry words and returns approximately 450,000 synonyms. Since synonyms exist for multiple senses of some words, definitions of these different senses are included for clarification. Every word in the dictionary is shown with the correct hyphenation points.
The Language Master has a standard typewriter keyboard layout and the large custom 4-line, 160 character LCD has user adjustable contrast. Contains the advanced features of the new Spelling Ace including the powerful phonetic spelling corrector and crossword puzzle assistance.
An indispensable tool for writers, students, word game fans and all word lovers in general. Size: 7" x 5" x 1-1/2". Weight: 8 oz. Runs on 4 AA batteries not included.

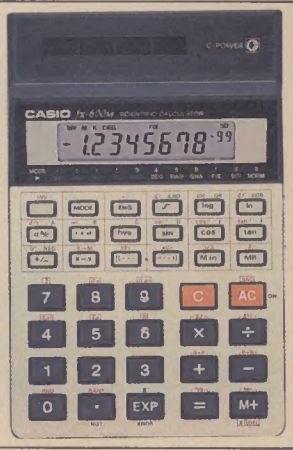
CASIO DESKTOP SCIENTIFIC SOLAR PLUS CALCULATOR

MODEL FX-600M

OUR PRICE $29.95

FEATURES

- Works perfectly in normal roomlight, daylight, sunlight, lamplight, with any light over 50 Lux.
- Memory protected no matter what the light.
- 105 functions, 8-digits or 8-digit mantissa plus 2-digit exponent.
- Workbook included.
- Sensible eye-angle display for easy reading.
- Full formula capacity with true algebraic logic —18 pairs of parenthesee nestable in 6 levels for reading and processing.
- With the base conversions and logical operations function, your calculator becomes a useful new tool in the scientific field.
- Progressive standard deviations contribute to swift handling of statistics.
- Functions include: Basic calculations, Constant calculations, Memory calculations, Fraction calculations, Binary/octal/hexadecimal conversions, Binary/octal/hexadecimal arithmetic operations, Logical operations, Trigonometric/inverse trigonometrics, Hyperbolic/inverse hyperbolic, Logarithms, Square roots, Cube roots, Squares, Reciprocals & Fractionals, FIX, SCI, NORM, RND, Rectangular to polar co-ordinates conversions, Permutations, Combinations, Standard deviations, Percentage calculations, Random numbers.
- Size: 1-1/8"H x 4"W x 6-1/4"D. • Weight: 4.2 oz.



TELE-ART CARD SIZE PERSONAL DATABANK

Remembers Up To 120
Names and Phone Numbers

MODEL PD-2K

OUR PRICE

$24.95 SPECIAL!

FEATURES

- 2K Memory Capacity. • Easy search and recall.
- 20 Character display. • Flexible Record Size.
- Sorts all records in alphabetical order.
- 4 Function calculator with percent. • Metric conversions
- Scrolling display. • Security Lock. • Auto shut off.
- Long lasting battery and pouch included.
- Use it to store: names, addresses, phone numbers, reminders, schedules, appointments, birthdays, anniversaries, credit card numbers, bank account info, pin numbers, security combinations.

SEIKO PHONE CARD and CALCULATOR

The Phonebook that can store up to 429 names and numbers

MODEL DF-210

OUR PRICE $29.95

FEATURES

- 429 names/numbers. • Search function.
- 8 characters for name. • 16 digits for a number.
- Entries automatically listed in alphabetical order.
- Last phone number displayed will be recalled even after you turn the unit off or use the calculator mode.
- Calculator —8 digit, 4 function with memory.

CASIO DIGITAL DIARY

MODEL SF-3000

OUR PRICE $89.95

The future schedule keeper has arrived. Like a never-ending pocket diary. Shows any month in the 20th and 21st centuries, carries any day's schedule. It has a 1,497 character memory capacity, a schedule function with time sort, full month calendar (from Jan. 1901 —Dec. 2099) — any day's schedule recalled from full-month calendar display, 10 phase memories (max. 58 characters for each phrase), Power source: Calculation/display —3 lithium batteries (CR2032C). Memory protection —1 lithium battery (CR1220). Battery life: Main power source approx. 130 hrs continuous. Memory protection battery approx. 2 years. Size: (Folded): 5/8"H x 5"W x 2-5/8"D, (Unfolded): 3/8"H x 5"W x 5-1/4"D. Weight: 5.3 oz. The Ultimate in Diaries — Any Day's Schedule in 200 Years!

Optional RAM expansion pack (8K byte RAM)
model RP-8 . . . . . $16.95

CASIO GRAPHIC SCIENTIFIC CALCULATOR

See Your Formulas Laid Out
with Graphic Clarity

MODEL FX-7000G

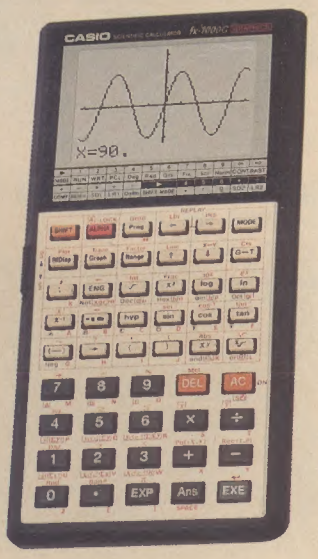
OUR PRICE $79.95

FEATURES

- Formula-to-graph conversions at the touch of a key.
- Large screen-style display.
- 82 Functions for top level application in science and technology: All these scientific functions activate at the touch of a key to put the most complex computations at your fingertips. Trigonometric, inverse trigonometric, hyperbolic, inverse hyperbolic and coordinate conversion functions are all built in. Binary, octal, and hexadecimal based numbers are easy to convert and combine, while logical operations and streamlined to accelerate circuit designs and addressing. A wide selection of statistical functions performs everything from standard deviation to regression calculations.
- Instant recall of formulas for repeat or revision.
- 26 Memories (expandable to 78), convenient for algebraic formulas.
- Flexibly programmable for wide applications.

DESCRIPTION

The FX-7000G is a scientific wizard with executive intelligence. It plots trends. Analyses data characteristics. Graphically compares values. And it does this, and more, on a model that slips into your pocket as nicely as an ordinary calculator.
But then there's nothing ordinary about it 82 scientific functions that include paired variable statistics, as well as binary, octal, and hexadecimal calculations. You can even write graphics into programs, so they come out tailored to your specifications.



CALL US MONDAY THRU FRIDAY 8:00 AM to 6:30 PM • SATURDAY 9:00 AM to 3:00 PM E.S.T.

FRANKLIN COMPUTER THE WORDMASTER

MODEL WM-1000 **OUR PRICE $99.95** ***NEW!***

DESCRIPTION

An electronic thesaurus, spelling corrector and game player with all the functions displayed on a single-line dot matrix screen.
The Wordmaster contains over 35,000 entry words and returne over 470,000 synonyms from Merriam-Webster's Collegiate Thesaurus.
The Wordmaster will provide synonyms grouped according to the different meanings of the entry word. It will also give you hyphenation points, inflected forms of the word, and parts of speech.
It will play challenging word games, including hangman, anagrams, Jumble and Franklin's Deduction (a new logic and strategy game). It will help you with crosswords and Scrabble - and you can bet the electronic dice featura makes board game play loads of fun.

FRANKLIN COMPUTER SPELLING ACE

MODEL SA-98

OUR PRICE $49.95
EXTRA SPECIAL!

DESCRIPTION

Franklin Computer's Spelling Ace is an electronic speller and word list maker with a built-in lexicon of over 80,000 standard American English words. The user has only to enter a word as it sounds and even if it's misspelled the Spelling Ace will still display the correct spelling! Another important feature ie 'Prefix' spelling. Simply enter 3 or 4 letters of a word, and a list of words beginning with those letter will be displayed. You can enter ?'s in place of unknown letters and scroll until the appropriate word appears. It's popular with such word games as Scrabble® , Ghost, Hangman, Wheel of Fortune, and crossword puzzles. Size: 6-1/2" x 4" x 1"

NEW! SPELLMASTER MODEL SA-103 $99.00

Enhanced version of the Spelling Ace, contains an advanced electronic spelling corrector and over 80,000 words. Plays hangman, electronic lotto, scrabble, jumbleword, dice and other word and number games.

MONTY® PLAYS SCRABBLE® BRAND CROSSWORD GAME

MODEL 66 **OUR PRICE $79.95**

DESCRIPTION

Monty Plays Scrabble Brand Crossword Game is a portable computer opponent lor the classic Scrabble Brand Crossword Game. "Monty" can assign tiles (not included), keep score, and play with up to three players at lour different skill levels. It will challenge word coniigurations and offer hints.
Inside "Monty" is a powerful computer capable ol performing 2,000,000 calculations per second, and storing 12,000 words. The game can be played using the special score pad included, or with a standard Scrabble board game and tiles (not included). For players 8 years and up.
It also features a 12,000 word vocabulary, expandable to 44,000 with additional modules available; displays moves on LCD screen, and audio mute. It operates on 4 "C" batteries (not included) or AC adaptor. Comes with portable computer console, instruction booklet, and special Scrabble score pad.
Size: Computer console: 5-3/4" x 10-1/4" x 2-1/4".

OPTIONAL ACCESSORIES

MONTY® PLAYS SCRABBLE® BRAND CROSSWORD GAME

Advanced Vocabulary Module I model #166 ..... **$29.95**
This unit plugs into the computer console edition to add 16,000 less commonly used words to computer's vocabulary.

Advanced Vocabulary Module II model #266 ..... **$29.95**
This module adds another 16,000 words —some ol the most obscure in the language —lrom the "Official Scrabble® Player Dictionary" to the computer's built-in memory.

Universal AC Adaptor #AC-900 ..... **$4.95**

Monty® is the registered trademark of Ritam Corporation. SCRABBLE® is the registered trademark of the Selchow & Righter Company for its line of word games and entertainment services.

PLUS "Factory" *The Swiss Army Knife Of Desk-top Tools*

MODEL FC-04

OUR PRICE
$29.95

DESCRIPTION

It's a natural lor the entire sales staff, students, field crews, use as premiums, unique gift selections. The "Factory" Accommodates nine separate office functions all in one, with a sleek, pocket-knile appearance. It features a hole punch, scissors, tape measure, stapler (50 standard #10 staples), tape dispenser, knife, storage compartment, magnifying lens (1.5 mag.), staple remover.
The rugged designer ABS case houses linely crafted stainless steel tools as sturdy and smooth functioning as lull-sized units. The "Factory" slips easily into a pocket, pocketbook, briefcase, or on belt clip with the built-in ring.

EXECUTIVE DESK SET

MODEL EDS-01

OUR PRICE
$24.95

DESCRIPTION

This desk set is an indespensible organizing tool. It comes with a solar powered calculator with a pivoting head and large LCD clock. It's equipped with a calendar, memo pad, and pen.

LEATHERMAN MINI-Tool™ *The Pocketnife With Pliers*

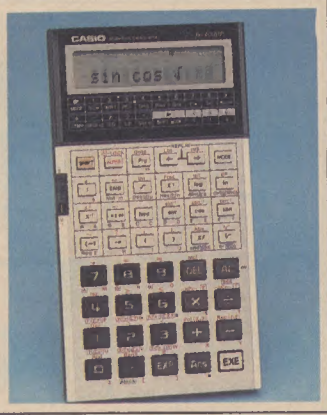
MODEL MNT-09 **OUR PRICE $35.00**

For pocket, purse, or belt, the MINI-Tool folds incredibly small just 2-5/8" x 1" x 1/2" and weighs only 4 oz. Yet in seconds the MINI-Tool becomes a full-size, full-strength pliers, over 6 inches long. Features include: needlenose pliers, regular pliers, wire cutters, knife blade, ruler, inch/metric; can and bottle opener, 1/4" tip screwdriver, metal file. It's 100% stainless steel and has a manufacturer's 25 year guarantee against defects and workmanship.

CASIO COMPUTING SCIENTIFIC CALCULATOR

MODEL FX-4000P

OUR PRICE $49.95



DESCRIPTION

This unit is an advanced hand held programmable computer capable of alphabetic display. Besides a programming function which is useful for performing repeat or complex computations, 83 scientific functions are also provided. The FX-4000P ie easy to use for basic to andvanced applications. It's an ideal tool for the student or professional.
Features include: 83 scientific functions, 10-digit mantissa plus 2-digit exponent, 550 programmable steps, 26 memories (expandable to 94), Regression analysis, Base calculations/conversions, True Algebraic Logic and Perfect entry system, Automatic power-off with memory retention, two free batteries, wallet included.

HOME HEALTH CARE PRODUCTS

SHARP DIGITAL BLOOD PRESSURE MONITOR

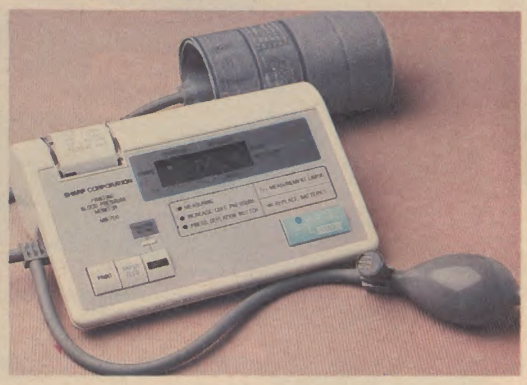
MODEL
MB-550

OUR PRICE
$49.95

DESCRIPTION
The MB-550 uses the latest, state-of-the-art microphoneless system (oscillometric method) to measure your blood pressure and pulse rate. This method measures your blood pressure by detecting small pressure oscillation wave forms in the cuff caused by your pulsating artery. The microphone used by the Auscultatory method to detect Korotkoff sounds is eliminated. Troublesome, precise cuff positioning is no longer required for reliable and accurate measurements.
It's fully automatic. Blood pressure/pulse rate measurement occurs after cuff inflation. It features an easy-to-read large LCD display which automatically shows blood pressure and pulse, auto-power-off system saves battery life. Comes with electronic monitor, adult cuff and operation manual. Uses 4 "AA" batteries (not included).

SHARP DIGITAL BLOOD PRESSURE MONITOR
HAS PRINTER and LAST READING MEMORY

MODEL MB-700 **OUR PRICE $89.95**



DESCRIPTION
The MB-700 uses a unique microprocessor based microphoneless system (oscillometric method) to measure blood pressure and pulse rate. This method assures reliable and accurate measurements by detecting small pressure oscillation wave forms in the cuff caused by a pulsating artery. No troublesome, precise cuff positioning is required.
It features a convenient data printout consisting of; date, time, blood pressure and pulse rate printout. The super large easy-to-read liquid crystal display automatically shows blood pressure and pulse, also functions as a clock. Kit includes electronic monitor, adult cuff, durable carrying and storage case, operation manual, roll printout paper and record book. Uses 4 "C" batteries or optional AC adaptor not included.

BP ELECTRONIC HOT-COMPRESS MASSAGER
With Magnetic Acupressor.

MODEL MS-88

OUR PRICE $49.95

SPECIAL!

FEATURES
- Relieve stress, strain, and fatigue.
- High and Low speeds for invigorating, vibrating massage.
- Soothing heat massage that's stimulating.
- Utilizes acupuncture points with heat massage for effective relief.
- Comes with instruction booklet.

MAXI RUB PERSONAL MASSAGE UNIT
MODEL MR-2

OUR PRICE $89.95

DESCRIPTION
The Maxi Rub is an effective 2-speed massage unit, for fast relief from tension, and minor aches and pains. This versatile massager can be applied to almost any part of the body with one hand. Massage the tens of thousand of nerve endings on the soles of the feet to relieve tired feet and stimulate the rest of the body. Improve your circulation, ease lower back pain and spasms. This unit even helps break down ugly, lumpy cellulite nodes by directly dissolving them and increasing circulation. The Maxi-Rub features a powerful, heavy-duty motor, thick con toured orbiting pad and maintenance-free design with strong, aluminum die-cast components and permanently sealed bearings.

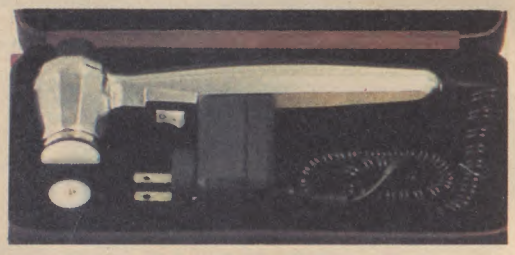
WAHL MASSAGER MASTER
Powerful 2-Speed All Purpose Massager

MODEL 4175 **OUR PRICE $45.00**

- Special flex-action head for full body massage.
- Low speed for soothing, invigorating massages.
- High speed provides deep penetrating massage to loosen tight, tired muscles.
- Unique teardrop-shaped massager head for pinpoint, penetrating massages.
- Rounded sides on massager head provide soothing, overall massages.
- Extra-long contoured handle is comfortable to hold, makes it easy to massage hard-to-reach areas.

NOVAFON ELECTRO SOUND MASSAGE UNIT
MODEL NV-1

OUR PRICE
$149.95



DESCRIPTION
NOVAFON is a precision electric vibration massage appliance for the relief of pain. It produces mixed frequency sound waves equalling 60,000 oscillations per second, penetrating 2-1/4" beneath the skin stimulating blood circulation; as opposed to 7,000 oscilla tions per minute using other massage appliances. It gives pleasant relief to tired, sore muscles and joints without the use of drugs and their side affects. NOVAFON is used in clinics, by doctors, chiropractors, physiotherapists, masseurs, athletic trainers, etc., around the world. The NOVAFON is easy to handle, and only weighs 8 oz. It comes in a small vinyl case and contains a 120 volt transformer supplying 14 volts, (not dangerous), to the sound- head or energizer. Two attachments are included which are useful for all parts of the body, one disc-type and one ball type for use on concave surfaces such as between fingers. This appliance was especially designed for home use.

WAHL DELUXE HOME HAIR CUTTING KIT
MODEL 9251

OUR PRICE $29.95

DESCRIPTION
This deluxe multi-cut clipper kit includes: multi-cut electromagnetic motor clipper, 4 attachment combs, blade guard, barber scissor, styling and barber combs, dusting brush, cape, shampoo, cleaning brush, oil and instruction book in case.

WAHL GROOMSMAN II
MODEL 9910

OUR PRICE
$24.95

DESCRIPTION
The Groomsman II cordless trimmer keeps beards, mustaches and necklines always looking well-kept and professionally groomed. It comes with 3 AA size batteries, storage base, instruction book, cleaning brush, oil mustache comb and trimming guide attachment

X-10® POWERHOUSE SECURITY SYSTEMS & TIMERS

NUMBER ONE IN HOME CONTROL

TIMER CONSOLE
MODEL TC-262

OUR PRICE $32.00

DESCRIPTION
Automatically turns 8 lights and appliances on and off at the times you want. Special feature key: daily, once, security, sleep, now, all lights on, clear key. Timer features battery backup capabilities for retaining program and time, in memory, during power failures. Requires 4 "AA" alkaline batteries (not included) to retain program and time.

MAXI CONTROLLER
MODEL SC-503

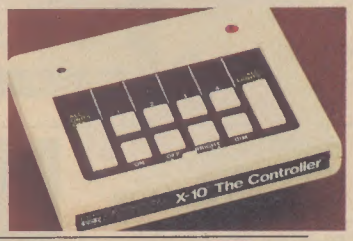
OUR PRICE $22.50

DESCRIPTION
Instantly control 16 lights and appliances throughout the house with the push of a button. From one convenient location. Special feature keys: dim and bright, all lights, all units off.

MINI CONTROLLER
MODEL MC-260

OUR PRICE $12.95

DESCRIPTION
Instantly control 8 lights and appliances throughout the house with the push of a button. From one convenient location. Special key features: dim and bright, all lights on, all units off.



TELEPHONE RESPONDER CONTROLLER SET
MODEL TR-2700

OUR PRICE $42.50

DESCRIPTION
Consists of one TR-270 Telephone Responder/Controller, and one TR-274 Remote Telephone Transmitter. Plugs into standard telephone jack and standard 120V wall outlet. Enables you to telephone your home from anywhere and turn 8 lights and appliances on an off. You can light up your home, cool it off or heat it up before you arrive.

Remote Telephone Transmitter
Model TR-274 ..... **$14.95**
To be used with TR-270. Transmits Command signals over the telephone to the Responder/Controller in your home.

THERMOSTAT CONTROLLER SET
MODEL TH-2867

OUR PRICE $34.95

DESCRIPTION
Consists of one TH-280 Temperature Regulator, one LV-287 Low-Voltage Adaptor and one Appliance Module. Allows control of existing heating and air conditioning thermostats. Low-Voltage Adaptor is plugged into appliance module controlled in turn by a Timer or TR-2700 Telephone Responder/Controller.

REMOTE CONTROLLED SECURITY SYSTEM
MODEL RC-5000

OUR PRICE $39.75

DESCRIPTION
Consists of one Radio Frequency (r.f.) Transmitter (RT-504) and one Transceiver/Appliance Module (RR-501). The RT-504 transmits to the RR-501 to control whatever you plug into it — from inside or outside your home. The RR-501 also retransmits (over your house wiring), the signals it receives from the RT-504. This lets you remotely control up to 8 standard X-10 Modules and even dim lights!

Radio Frequency (r.f.) Transmitter Model RT-504 ..... **$14.95**
Sends r.f. signals to the RR-501 to control lights and appliances from inside or outside your home. Gives you remote control from multiple locations - purchase one for each car and several for around the house.

R.F. Transceiver/Appliance Module
Model RR-501 ..... **$24.95**
Receives signals from the RT-504 and re- transmits (over your house wiring) to control up to 8 standard X-10 Modules. Set one RR-501 to control Modules set to 1 thru 8 and purchase another RR-501 to control Modules set to 9 thru 18. This lets you control up to 16 Modules from inside or outside your home.

MODEL	OUR PRICE
LM-465 LAMP MODULE Lets you turn lamps on or off anywhere in the house. Even dim or brighten them. Maximum rating: 300W, **Incandescent lamp only.**	$14.95
AM-486 2-PIN APPLIANCE MODULE Lets you turn appliances on and off anywhere in the house by remote control. Maximum rating: 15A resistive, 500W lamps, 1/3 H.P. motors.	$14.95
SR-227 WALL RECEPTACLE MODULE Lets you turn lamps and appliances on and off anywhere in the house by remote control. Maximum rating: 15A unconditional.	$19.95
WS-467 WALL SWITCH MODULE Lets you turn any wall switch operated lights on or off anywhere in the house. Even dim or brighten them. Maximum rating: 500W, **Incandescent lights only.**	$14.95

HEAVY DUTY APPLIANCE MODULES
MODEL HD-243 220V

OUR PRICE $29.95
Split Phase Systems Only.
Maximum rating: 15A unconditional

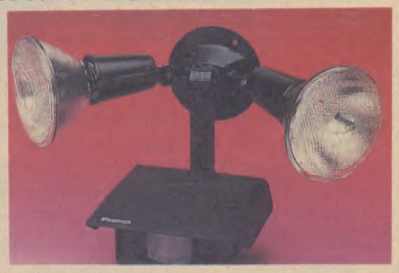
MODEL HD-245 220V

OUR PRICE $29.95
Split Phase Systems Only.
Maximum rating: 20A unconditional

BURGLAR ALARM INTERFACE/CONTROLLER
MODEL BA-284 **OUR PRICE $39.00**

DESCRIPTION
Connects to dry contact closure or low voltage output terminals in burglar alarm control box equipped with such terminals. When burglar alarm system is activated. BA-284 Interface/Controller transmits one of the three following signals: All lights on, All lights flashing, or All lights on plus selected appliance module on.

PENTRON AUTOMATIC SECURITY LIGHTING *With Infrared Sensor*
MODEL LP-2101
REG. $149.95
OUR PRICE $49.95 ***SPECIAL!***



FEATURES
- Security. • Energy efficient. • UL listed.
- Convenient & Save. • Easy to install.
- The PENTRON Automatic Security Lighting infrared sensor detects changes in temperature caused by movement of persons or objects. When this occurs, the solid state circuit activates floodlights up to 500W.
- Instant illumination of driveways, patios, etc., are proven deterrents to intruders.
- Don't leave costly floodlights on while your away. This unit will automatically light when you pull into your driveway.
- Sensor Range: Min. 40 ft.L x 80 ft. W. • Sensor Circuitry: Passive controlled infrared sensor.
- Power Required: 120 volts AC, 60 Hz. • Load Rating: 500 watts max.
- Time Adjustment: 10 sec. to 20 min. approx. • Light bulbs not included.

RCA SECURITY SWITCH
Motion-Sensing Light Device
MODEL C-23

OUR PRICE $37.50

DESCRIPTION
Don't stumble in a dark room again. Now you can turn any single wall switch in your home into an advanced motion-detecting light switch. The SecuritySwitch "sees" you approaching...and turns on the light. Automatically. Instantly. Silently. Then it turns the lights off again, after you leave.
The SecuritySwitch responds when a heat source, such as a person, moves into its field of view. It's offers you safety, security, energy savings and hands-free convenience all around the house.
It covers an entire room up to 25 ft. from switch. Operates any in candescent light up to 300 watts. Fully electronic solid-state dependability.
UL listed.

Discover the Vendex Headstart™ Computer System

VENDEX HEAD START COMPUTER SYSTEM with COLOR MONITOR

MODEL TURBO-888XT OUR PRICE $1180.00

- **VENDEX FORM OF COMPUTER-EASE:** Don't become intimidated by computer systems. The VENDEX TURBO-888XT is the first 100% IBM® —compatible computer system that brings together immediate hands-on training, the most needed software programs, and the power to upgrade from simple to sophisticated. All standard. And all at one easy-to-handle price.
- **WORRY-FREE ENVIRONMENT:** Because the most frustrating time at the computer is usually at the learning stage, Vendex designed an exclusive Headstart Operating Environment. It's your personal guide right from the start. And it takes you step-by- step, and slowly and clearly, through all the ways to use Vendex.
  How does it work? Simply insert the Master Disk. If you want to learn how to work Vendex, or use software, or learn about DOS computer language, just punch up the area you need. It's as easy as picking courses from a menu. And with each area of application are help screens of pictures and charts to break it all down even further. Sixty-four help screens in all!
  No more being a slave to complicated manuals, with the Headstart Operating Environment you're free to explore and learn right on the computer. And at your own pace.
- **HARDWARE THAT ISN'T HARD TO USE:** Just turn Vendex on and its turbo Intel 8088-2 microprocessor runs the double-disk drive system at either a 4.77 or a high-speed 8MHz. Faster that the much more expensive IBM PC/XT, it excels in high powered maneuvers.
  Plus, Vendex starts you off with a heady 512K of RAM. And that's quickly expandable to 768K! This gives you when expanded, a reserve of 128K that can be used for additional computer or printer memory in the form of a RAM disk or printer spooler. So while your computer is handling one job, you can simultaneously be printing pages of different data. Power and memory. They're time-saving features. And they suit expanded software programs like Lotus 1-2-3® —just fine!
- **5-STAR MENU OF COURSES:** Since software programs are what really show off the Turbo-888XT, included are five of the most popular programs at no extra charge.
  You can choose the award-winning ATI Skill Builder by American Training International. It's a hands-on tutorial program that shows you all of the Vendex's functions and capabilities. There's Executive Writer and Executive Filer from Paperback Software. One is a full-featured word processing program that will help you write a note or a novel. And the other is your computerized file cabinet for maintaining mountains of data.
  You also get MyCalc, the indispensible spreadsheet program that will keep you in budget, do your taxes, even illustrate with detail bar graphs. And with simple keystroke, you can immediately rearrange one number or entire rows of them.
  Finally, there's the HOT Pop-Up Services. And hot is the word! Available at the press of a button, it's a collection of all the tools most wanted by PC users. They include 1Word, a notepad word processor; File Finder, a disk and file management program; Calendar; DateBook; Pocket Calculator; CRT Saver, which prevents screen "burn-in" by blanking the screen until you press any key; and Printer Setup, a direct command line to your printer.
- **OPTIONAL HARD DISC DRIVE: MODEL 888-HC:** Features 21.3 Megabyte Hard Card Kit: comes with Hardware installation kit and X-Tree Software Upgraded Head Start Environment. **$499.95**

SONY PRESSMAN™ POCKET-SIZED MICRO-CASSETTE-CORDER

MODEL M-750V

OUR PRICE $69.90

Voice Operated Microcassette-Corder

FEATURES

- Ultra-small size fits in shirt pocket.
- Built-in speaker for immediate playback.
- Voice operated recording for unparalleled ease of use.
- Two speed for recording flexibility.
- One touch recording eliminates juggling play and record buttons.
- Instant edit for on the spot corrections and gap free results in playback.
- Electrat condenser microphone design for small size and extended frequency response.
- Automatic shut off from play and record modes.
- Mic and earphone jacks.
- Sonymetic® automatic recording level control.
- Size: 2-5/8W" x 5"H x 1-1/4"D.
- Weight: 7.8 oz. • Color: Black.

MODEL M-19V OUR PRICE $92.50

Rechargeable Microcassette-Corder

- Same features as M-750V plus: • Built-in flat microphone.
- Built-in rechargeable battery for dual power supply. • Locking pause control.
- Back-up power supply capability with 2 optional "AA" batteries. • Size: 3-3/8"W x 5-1/4"H x 1-1/2"D.

BROTHER HIGH SPEED WORD PROCESSOR

It's So Easy Because It's So Advanced!

MODEL WP-55

OUR PRICE $699.95

This high speed Word Processor with the most user-friendly software ever developed, makes it possible to do more work, more quickly. To store more information in less space. And to recall, to edit and to print out with one-button simplicity.

Brother offers features you'd expect to find only on the most expensive models: including on-screen "prompts" to take you easily through each step, our exclusive built-in "word-spell" 70,000 word electronic dictionary, large easy to read characters, justified margins, centering, underlining, bold typing...plus much more!

FEATURES

- High resolution yellow/black contrast.
- Larger easy to read characters.
- 5 x 9 CRT display.
- Detachable keyboard. • 91 columns by 15 lines. (2 prompting, 2 format).
- Interchangeable daisy wheel letter quality printing with various typestyles available.
- 64,000 character memory. • 12" carriage. • Global search and replace.
- Block move, copy and delete. • Header/Footer. • Page break.
- Auto pagination. • Formatting. • Page print. (Stop Code). • Right margin justification.
- Automatic: centering, right margin flush, line and paragraph indentation, underlining, bold typing.
- File Commands: delete all files, delete 1 file, copy file, copy complete disk, re-name file, print file.

STAR® MICRONICS MULTI-FONT DOT-MATRIX PRINTER

A Printing Sensation That Fulfills Your Requirements To The Letter

MODEL NX-1000

OUR PRICE

$249.00

Star has designed the NX-100 for those who insist on quality, capability, and reliability. This 9-pin dot-matrix printer boasts a wide choice of pitches and print styles and is capable of NLQ and high-speed draft. These features make the NX-1000 versatile enough for a broad range of applications, yet easy enough for just about anyone to operate at home in school or at the office.

FEATURES

- Selection of Fonts and Type Styles: Courier, Sanserif, Orator-1 and Orator-2 type styles, in a choice of pica, elite, condensed pica and elite sizes. In addition, italic printing is available in all print modes.
- Near Letter Quality printing at 36 cps, plus draft quality at 144 cps.
- Paper Parking: Allows single sheet feed without removing sprocket paper.
- Epson-based control codes in the Standard mode and IBM Proprinter II in the IBM mode. The NX-1000 will perform outstandingly well with a host of different computer systems. (Cables not included).
- Additional features include: enlarged and proportional printing, semi-automatic paper loading, panel lock mode, forward and reverse feeds at the smallest pitch, and hex dump.

SPECIFICATIONS

Interface: Parallel (centronics compatible) cables not included. **Paper:** 5.5"—8.5" single sheet, 4"—10" Fanfold. **Copies:** original plus 2 copies. **Data Buffer:** 4 KB (without download). **Ribbon:** dedicated cartridge ribbon black. **Size:** 15.1"W x 11.3"D x 4.25"H. **Weight:** 10.3 lbs.

* IBM and IBM proprinter II are registered trademarks of International Business Machines Corp. Epson is a registered trademark of Seiko Epson Corp.

RICOH RIPROjr. COMPACT LIGHTWEIGHT COPIER

Some People Buy This Compact Copier For Business Others Take It Personally.

Special 90 Day On Site Service Warranty from Ricoh

MODEL 112MIU

OUR PRICE $666.00

4 Black Toner Cartridges Included!

For ease of operation and trouble-free service in a personal copier, the choice is RIPROjr. It delivers copies of superb quality. Its two-component copying system, maintenance is quick and easy. And it's small, quiet and so light you can place it anywhere.

FEATURES

- Delivers the first copy in just 10 seconds. Eight per min. thereafter.
- Exceptional copy quality due to ultraline monocomponent toner and highly sensitive photoconductor.
- Two-component copying system means maintenance is easier and the master unit last longer.
- Clam-shell design lets you change color cartridges easily and clear mistakes in seconds.
- Built-in 100-sheet paper cassette plus manual feed for special jobs.
- Additional Toner Cartridges Black (4 per carton) model #889202 ..... $66.00
- Special 90 Day On Site Service Warranty from Ricoh.

SPECIFICATIONS

Copying Process: Dry process (monocomponent toner). **Configuration:** Desktop. **Original:** Book/Sheet. **Copy Size:** Max. 8½" x 11", Min. 3½" x 2". **Copy Quantity:** 1 to 20. **Paper Feed:** Single cassette (100 sheets) and manual feed. **Warm-up Time:** 15 sec. **Auto Reset:** After 60 sec. **Reproduction Ratio:** 1:1. **Copy Paper Weight:** 14 to 42 lb. **Copy Paper:** Bond paper, colored paper, mailing labels, OHP transparencies, translucent paper. **Power Source:** 115V/60Hz/12A. **Power Consumption:** 1.2kW. **Size:** 16"W x 19¼"D x 8⅞"H. **Weight:** 44 lbs. approx. Comes with 4 Black Toner Cartridges

CALL US MONDAY THRU FRIDAY 8:00 AM to 6:30 PM • SATURDAY 9:00 AM to 3:00 PM E.S.T.

BP OAK VENEER COMPUTER BACK CHAIRS

MODEL CH-98

OUR PRICE $49.95 *Adjustable Caster Model!*

MODEL CH-95

OUR PRICE $39.95

FEATURES

- The adjustable Back Chair you can raise or lower the seat to correspond with the varying levels of your computer, typewritter, desk for the most comfortable position.
- Each chair can help alleviate annoying back pain after sitting long hours at home or office. It does so by changing the stress points on the body.
- No back rest is needed because your spine naturally straightens to its proper position.
- It's a perfect addition to your home computer set-up, artists table or for the working executive.

CH-95

CH-98

BP DELUXE FLOPPY DISKETTE STORAGE CASE

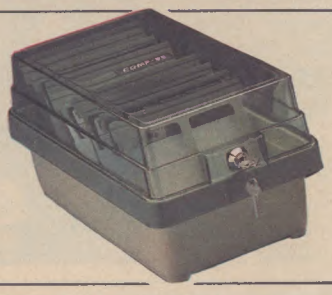
MODEL COMP-85

OUR PRICE $12.95

SPECIAL!

FEATURES

- Holds 85 Floppy Diskettes.
- Smoks Plastic Top.
- High Impact ABS Base.
- Two Piece Contemporary Design.
- Index Divider with Adjustable Tabs.
- Lock with Two Keys.



BP MULTI PURPOSE SUPER MINI CLEANER

MODEL VC-098

OUR PRICE $16.95

Use the BP Super Mini Cleaner to remove dust and debris safely from delicate areas and small hard to rsach places.
Ideal for tiny dust particles which collect in the crevices of your VCR, TV, Camere, Lens, Movie Projector, Cassette Player, Keyboards, Computer Terminal, Disc Drive, etc. Comes with handle, brush, pipette, and bag. Runs on 2 "AA" (1.5V) betteries not included.

HANDSOME TWO DRAWER OAK FILE

MODEL CF-22

OUR PRICE $69.95

2 FOR $120.00 ***SPECIAL!***

DESCRIPTION

This beautiful, functional, solid wood oak veneer, two drawer oak file, is e magnificient addition to any home or work place. Its pleasing simple lines blend with any interior bringing warmth to its surroundings. Use it to organize business or personal files. The cabinet drawers are 13" deep and heve hanging steel rails to fit standard files. Size: 28-1/4"H x 16-1/4"W x 17"D.

BP COPYHOLDERS

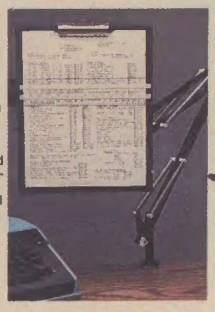
MODEL COMP-115
WEIGHTED BASE

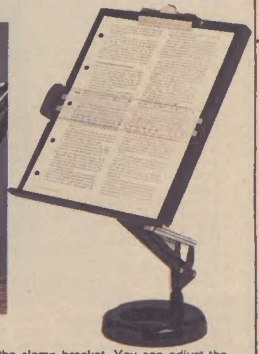
OUR PRICE $32.50

Whether you're typing a letter or entering dete into your personal computer, this copyholder is the best wey to keep your data in order. The COMP-115 has en adjustable holder which can be manuevered to e desired position for comfortable viewing. The cursor bar pinpoints copy for easy reeding. The 9¼"H arm is mounted in e weighted base. Color Black

MODEL COMP-116
CLAMP BRACKET
OUR PRICE

$32.50





This copyholder is suited to desks or copyboards which heve an edge for the clamp bracket. You cen adjust the copyboard and its 30" erm by loosening or tightening their respective knob adjustments. The cursor ber is attached by e clip to move up and down the board. The cursor ber also flips up to a 90° angle to remove or insert copy easily. Copyholder mounts in bracket provided. Color Black

BROTHER CORRECTRONIC 320 ELECTRONIC TYPEWRITER

MODEL 320-BR
OUR PRICE

$179.95

FEATURES

- Full line lift-off correction memory.
- 12" Paper capacity.
- 9" Print capacity.
- Automatic **'Word-Out'** and **'Line-Out'** correction system for erasing a single word or complete line.
- Variable 10 and 12 pitch typing (Pica and Elite).
- 12 CPS typing speed.
- Line indentation.
- Automatic carriage return.
- Automatic right margin flush, centering, and underlining.
- Interchangeable cassette daisy wheel with various typestyles available.
- 96 Character keyboard.
- Forward and reverse indexing.
- Automatic repeat for all characters.
- Interchangeable cassette ribbon. • Automatic relocation after correction.
- Express backspace. • Half backspace. • One-touch Tab set and Tab Clear.
- Super/Sub Script. • Margin release key. • Line spacing: 1, 1½, 2.
- Built-in handle and lid cover. • UL listed, operates on 115 VAC.
- Size: 15.9" x 4.9" x 13.8". • Weight: 11 lbs.

ENTERPREX ELECTRONIC DIGITAL SCALE

MODEL CR-105
OUR PRICE

$49.00

DESCRIPTION

The new office tool that every office should have is the CR-105 electronic digital scale with calculator/alarm clock. The scale measures 0-1000 grams with a resolution of 1 gram. It does easy conversion from grams to ounces. The calculator is 4 function with memory and 8 digit display. Clock with alarm has am/pm/alarm in dicator. Runs on 6 "AA" batteries (not included). Size: 6.1"W x 7.4"L x 2.3"H.

SENTRY® FIRE-SAFE™ SECRUITY FILE

MODEL 1170

OUR PRICE $69.95

DESCRIPTION

Sentry introduces the Fire-Safe Security File. It offers fire protection for hanging file folders at an affordable price to homeowners and small businesses.
This Fire-Safe is the product of a patented molding process. Its unique construction incorporates unusual strength with outstanding fire protection, far superior to metal boxes.
This attractive Security File includes six hanging folders plus index tabs, and a key lock for privacy. It not only protects, it also organizes and centralizes in surance polices, financial data, important records, contracts, passports, titles, wills, stocks, bonds, etc. Size: Exterior: 11-7/8"D x 15-1/8"W x 13-7/8"H. Interior: 8"D x 12"W x 10-1/2"H.

SENTRY® FIRE-SAFE™

Practical Features and Affordable Fire Theft Protection

MODEL 1200-S

OUR PRICE $139.95

FEATURES

- Convenient size allows for easy concealment.
- Protects and organizes important papers, family documents and other priceless items.
- Protective shroud around dial for privacy.
- Four live-locking bolts activitated by metal handle.
- Special bolt down installation system for add ed security.
- Size: Exterior: 17-9/16"H x 14-7/8"W x 13-1/4"D. Interior: 13"H x 10-1/2"W x 8-1/8"D.

SPEAKERS & AUDIO ACCESSORIES

1" SOFT DOME TWEETER

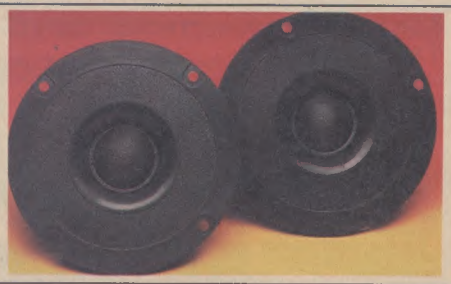
MODEL TW-16

OUR PRICE

$24.95 per pair

FEATURES

- 1" Soft Dome Tweeter.
- High Complience.
- 20 oz. Circuit Magnet.
- 1" Aluminum Voice Coil.
- 4 Ohm Impedence.
- 50 Watts RMS.
- 120 Watts Peak.
- Frequency Response: 4K-20KHz.



5" POLY MIDRANGE

MODEL M-55

OUR PRICE

$17.95 per pair

FEATURES

- 5" Polypropylene Midrenge Speaker.
- Seeled Basket.
- 10 oz. Circuit Magnet.
- ¾" Aluminum Voice Coil.
- 4Ω Impedence.
- 50 Watts RMS.
- 100 Watts Peek.
- Frequency Response: 550-7KHz.

8" POLY HIGH POWER WOOFER

MODEL W-85

OUR PRICE

$24.95 each

FEATURES

- 8" Polypropylene Woofer.
- 40 oz. Strontium Magnet.
- 1½" Aluminum Voice Coil.
- 4Ω Impedance.
- 75 Watts RMS.
- 150 Watts Peak.
- Frequency Response: 34-5000Hz.
- Comes with speeker wire, mounting screws end template.

MIXER EQUALIZER WITH ECHO

MODEL PR-6800 **OUR PRICE $179.95**

FEATURES

- 14-Band Equalizer.
- Can be used with CD.
- 2 Turntable Inputs MAG/CER.
- RCA Inputs. • 1 Monitor.
- Echo B.B.D. System.
- Echo Repeat Control.
- Delay Time Control 30/200/M/S.
- Amplifier output.
- Dual VU metering.
- Headphone impedance 4-16Ω.
- 1 Microphone input.
- 1 Record output.
- Feder control.
- 2 Tape Inputs, 2 Tuner Inputs.
- S/N Ratio >50db.
- Frequency Response: 20Hz-20KHz.
- Distortion <0.05%.
- Wood Cabinet.
- Size: 17" x 12" x 4-1/2".

BP SUPER SOUND 3-WAY HI-FI COMPONENTS SYSTEM

DESIGN YOUR OWN HOME OR AUTO SOUND SYSTEM

100 Watts X2 with Crossover Network

MODEL LS-1400 (KIT)

OUR PRICE

$69.95 per kit

This super sound component system kit lets you be the expert sound technician in your home or automobile. Create your own system and en joy the rich full sounds of this system.

SPECIFICATIONS

Woofers: Two 4-1/4" 100-5,000 Hz. **Mid-Range:** Two 3" 700-15,00 Hz. **Tweeters:** Two 2-1/2" 2,000-20,000 Hz. Im **pedance:** 4-8Ω. **Power:** 2x100 watts. **Frequency Band:** Woofer 20-1000 Hz., Mid-Range 1,000-10,000 Hz., Tweeter 10,000-20,000 Hz.

12" POLY HIGH POWER WOOFER

MODEL W-120

OUR PRICE

$49.90 each

FEATURES

- 12" Polypropylene Woofer.
- 60 oz. Strontium Megnet.
- 1½" Aluminum Voice Coil
- 4Ω Impedance.
- 125 Watts RMS.
- 250 Watts Peak.
- Frequency Response: 25-3000Hz.
- Comes with speeker wire, mounting screws and template.

15" POLY HIGH POWER WOOFER

MODEL W-15

OUR PRICE

$69.90 each

FEATURES

- 15" Polypropylene Woofer.
- 80 oz. Strontium Magnet.
- 2" Aluminum Voice Coil.
- 4Ω Impedance.
- 150 Watts RMS.
- 300 Watts Peak.
- Frequency Response: 25-3500Hz.
- Comes with speaker wire, mounting screws end template.

STEREO MIXER EQUALIZER

MODEL PR-2700

OUR PRICE

$119.95

- 10-Band Equalizer.
- 2 Tuner inputs.
- 2 Tape Inputs.
- 2 Turntable inputs MAG/CER.
- 1 Record output.
- 1 Microphone input.
- 1 Monitor. • RCA inputs.
- Feder Control.
- Amplifier Output.
- Dual VU metering.
- Can be used with CD.
- Frequency Response: 20Hz - 20KHz.
- S/N Ratio >50dB.
- Distortion <0.05%.
- Headphone Impedance: 4-16Ω.
- Rack Mount Metal Cabinet.
- Size: 18.9"W x 9.4"D x 4.5"H.

8 CHANNEL UNIVERSAL AUDIO SOUND MIXER with ECHO

MODEL PR-8800

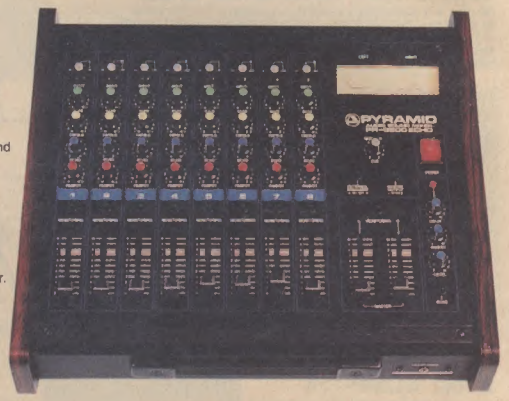
OUR PRICE

$349.95

PR-8800 ECHO Stereo Sound Mixer is designed for an ideal combinetion of feetures and performance. This high-quality mixer has mixing end ECHO functions on eight channels end two output channels.

FEATURES

- 8 Channel mixer.
- 8 Microphone inputs.
- 3 Program stereo inputs.
- 3 Position input selector.
- Echo with individual channel control.
- External hook-up to equalizer.
- 4 Turntables inputs.
- Individual pan pots, bass & treble controls.
- 1 Stereo record output.
- 2 Extra phono outputs.
- S/N ratio >65 dB.
- Distortion <0.05%.
- Wood Base.
- Dual VU metering.
- Size: 19.20"W x 16.8"D x 4.76"H.



SPECIFICATIONS

Input Sensitivity/Impedence: Phono 3mv/47KΩ. Mic 0.3mv/600Ω. Line 150mv/47KΩ. **Reted Output/Impedance:** N/600Ω. **Distortion:** less than 0.05%. **Bass Tone Control:** 100Hz ± 12dB. **Treble Tone Control:** 10kHz ± 12dB. **Frequency Response:** Phono 30Hz-20kHz ± 2dB (RIAA). **Mic:** 30Hz- 20kHz ± 2dB. **Line:** 20Hz-30kHz ± 2dB. **Signal to Noise Retio:** more than 65dB. **Heedphone Impedance:** 4-16Ω. **Echo Deley Time:** 20ms-204ms. **Power Source:** 110V/160Hz or 220V/50Hz.

FORDHAM RADIO • 260 MOTOR PARKWAY • HAUPPAUGE • NEW YORK 11788

BP 100 WATT 3-WAY COMPACT SPEAKERS
BIG SOUND PRODUCERS

MODEL HF-16 REG. $149.95 OUR PRICE **$89.95** per pair

FEATURES
- High performance compact speakers.
- CD Compatible.
- Distinctive sound quality.
- Wooden cabinet.
- Impedance: 4-8 ohms.
- Each speaker has: 1-High per formance 2-3/4" tweeter, 1-High efficient 3-1/2" midrange, and 1-full base 5" woofer.
- Power: 2x 100 watts.
- Frequency response: 60-20,000 Hz.
- Size (each): 14"H x 6-3/4"D x 8-5/8"W

BP FM/STEREO ANTENNA AMPLIFIER

MODEL FM-9700 OUR PRICE **$39.95**

DESCRIPTION
Help your FM receiver deliver crisp, clean, undistorted sound, by using, the FM-9700. This high quality FM antenna will enhance your listening pleasure without having to purchase large unsitely outdoor antennas.

SPECIFICATIONS
FM/Stereo Signal: 88-108 mHz. **Gain:** 15dB. **Output:** 75 Ω or 300 Ω. **Size:** 6"W x 4¼"D x 4¼"H, antenne bar 23½"L. Comes with 6 ft. coaxial cable and matching transformer. Operates on 110-117 VAC.

BP 3-WAY MINI SPEAKERS with BRACKETS
THE MINI SPEAKER with MAXI SOUND

MODEL HF-9 OUR PRICE **$39.00** per pair

SPECIFICATION
- Die cast aluminum. • 1" Soft dome tweeter. • 3" Long throw woofer.
- 2" Extended midrange speaker. • Frequency response 60-20,000 Hz.
- Impedance: 8 ohms. • Max. power: 50 watts. • Size: 7-1/4"W x 4-1/2"H x 4-3/8"D

RECOTON WIRELESS AC POWERED SPEAKER SYSTEM

MODEL W-100R OUR PRICE **$225.00** per pair

DESCRIPTION
The Wireless 100 provides outstanding stereo quality, and total mobility throughout the home without running wire. The speakers receive the stereo signal from a single transmitter that plugs into the headphone, tape or line out jacks on your existing stereo system or component; transmitter plugs into the nearest AC outlet. The speakers feature a high impact, water resistant enclosure with full range high performance bass reflex speakers with; wireless 12 W RMS per channel amplified loudspeaker system, 4-1/2" full range driver, signal to noise ratio 80dB, stereo separation 90dB, 60-15000Hz frequency response, on/off power switch and volume control. Size: Speakers (each): 8"W x 6"D x 8-1/4"H.

SHARP STEREO DOUBLE CASSETTE DECK

MODEL RT-W500 OUR PRICE **$100.00**

FEATURES
- Double cassette system offers the versatility of synchronous dubbing, high- speed dubbing and continuous playback.
- 2-Color, 10-LED peak level meter. • Dolby noise reduction. • 3-Digit tape counter.
- Auto stop mechanism. • Soft eject cassette compartment.
- Metal tape capability. • Left/right microphone jacks. • Headphone jacks.
- Size: 16-5/16"W x 4-5/8"H x 8-1/2"D. • Weight: 6.4 lbs.

SHARP STEREO DOUBLE CASSETTE DECK
With DUAL AUTO REVERSE

MODEL RT-W800 OUR PRICE **$170.00**

FEATURES
- Double auto reverse cassette system allows continuous dubbing of both sides, plus continuous playback.
- High-speed dubbing system cuts recording time by about half.
- Soft-touch operation. • Dolby® B noise reduction system.
- APSS® (Auto Program Search System) for Tape 1. • Metal tape capability.
- 2-Color, 5-LED/CH peak level meters. • Full auto stop.
- Left/right microphone jacks • Headphone jack. • Tape counter.
- Size: 17"W x 4-13/16"H x 8-9/16"D. • Weight: 8.8 lbs.

DYNAMIC LIGHTING EFFECTS

FULL FEATURED 4-CHANNEL CONTROLLER

MODEL RS-40 OUR PRICE $99.95

The RS-40 has 5 output plugs in rear, 4-three prong grounded female plugs for output to your boarder cans or lights and e connector thet can fit up to 40 rope lights feetured below. Each channel has an external fuse to protect internal blow outs. It can handle 800 watts total, has forward speed control for chase and built in mic for lights to sound effect or you mey use line input or even an external mic.

DELUXE CONTROLLER MODEL RL-101 OUR PRICE $69.00

Used in conjunction with up to 10 rope lights listed below. It features speed, sound and reverse.

8'' MIRRORED BALL

MODEL M-800

OUR PRICE $24.00

Mirror balls are the most recognized special effect in the entertainment field today. This mirrored ball is made of highly reflective glass mirror squares hand glued to the ball surface.
Use with Pin Spots P-1001 and RS-40 to connect up to 4 mirrored balls

MODEL M-AC8

OUR PRICE $14.95

Standard Motor for a single mirrored ball. AC operation.

STARLIGHT

MODEL ST-178

OUR PRICE

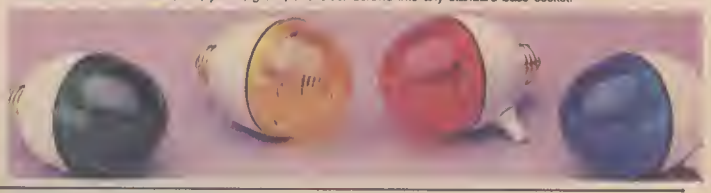
$99.95

The starlight uses a 250 watt quartz lamp and creates small intense fixed beams of multi- color lights. Ideal for clubs or the serious DJ. It's ideal to be used with a controller.
A great new effect for the dance floor. Should be used with a blinker available at all hardware stores.

VARI-SPEED EGG STROBE

MODEL S-EGG OUR PRICE $16.95 each

Available in five colors: clear, red, yellow, green, and blue. Screws into any standard base socket.



ROTATING BEACONS

Standard 8 Inch Beacon
MODEL B-801 (100 Watt)
OUR PRICE $69.95 each

Standard 6 Inch Beacon
MODEL B-501 (25 Watt)
OUR PRICE $35.00 each

These beacons come complete with break resistant high impact dome, lamps, and power cord with plug. Both models are available in these colors: red, blue, green or amber.

PIN SPOTS MODEL P-1001 OUR PRICE $29.95

Pin spots produce a brillant beam of light. The P-1001 is economical and lightweight PAR-36 narrow beam. Comes complete with lamp installed, mounting hardware, and power cord with plug. Use with RS-40 and mirrored ball. Optional color lenses: Aqua, green, pink, red, yellow, blue, orange. Model CL-100. . .$2.95 each

HIGH POWER VAIR-SPEED STROBE

MODEL S-101 OUR PRICE $149.95

High power variable speed remote controllable strobe. Comes complete with mounting. (remote control optional)

OSCILLATOR LIGHT

MODEL
OS-201
OUR PRICE
$59.95

Oscilletor lights pan back and forth 180° creating e moving beam of light on the walls or floor. The OS-201 is e single head and comes complete ready to plug in. Color lenses evailable, CL-100, see P-1001 above.

SPECIAL EFFECT ROPE LIGHTS

MODEL RL-160 OUR PRICE $32.00 each

Heavy duty crush resistant rope lights are are available. Each rope is 16 feet long and you may connect several together. Can be used with the RS-40 and the RL-101. Colors available Clear (not shown), Multi (clear tube with color lights in between not shown), green, yellow, red, and blue.

CALL US MONDAY THRU FRIDAY 8:00 AM to 6:30 PM • SATURDAY 9:00 AM to 3:00 PM E.S.T.

BP AUDIO VIDEO COLOR PROCESSOR • *IMAGE EHHANCER COLOR PROCESSOR • STABILIZER*

STEREO COMPATIBLE with STEREO INPUTS & OUTPUTS

MODEL V-1895 OUR PRICE $169.95

CABLE KIT HOOK-UPS

For Total Hook-ups 5 VCRs $27.50
Consists ot: 15 V-3606 cables @ $1.75 ea.
1 F-3F ceble @ $1.25 ee.

To Hook-up 2 VCRs $11.75
Consists of: 1 F-3F, & 6 V-3606 cables.
For each edditional VCR add 3 V-3606 cables

FEATURES

- Stereo Ready: Has stereo inputs end outputs.
- Audio Noise Reduction: Reduces annoying tepe shrill end high frequency static.
- Image Enhencer: Restores sharp deteil and detinition to pre-recorded tepes.
- Distribution Amplifier (Avoid Signal Loss):Can be used with one VCR or up to 5 VCRs (1 Master (tape player), 4 Slaves (recorder VCRs). This allows you to meke 4 one hour recordings in one hour. Great for Multiple Copies.
- Stabilizer: Reduces picture roll end jitter ceused by copy guarded tapes.
- Color Processor: Amplifies off color and weshed out imeges obtained by cemere recordings photogrephed in poor lighting conditions.
- Corrects tapes thet have single color dominance.
- Extends color, hue end brightness for more life like copies.
- Restores life like image often lost in Projection TV's.
- RF Modulation: Allow direct hook up to antenna terminels of TV set. Allows Video Cameras and other Video output devices to be hooked to a TV set instead of e monitor. Also allows enhencement ot video tapes in play back mode.
- Bypass Control: You cen compare instantly between original and processed signels.
- Mono-Color Switch: Allows quick comparison of B&W (monochromatic signels) end processed color signels. Detail on images is sometimes easier to obtein in the Mono (B&W) mode.
- Luminance Meter: Monitors luminence levels to evoid overloeding distortion ot video signels.
- Gain Control: Acts as a varieble video fader and adjustment signel level tor best luminance.

SPECIFICATIONS

Power Requirements: 12VDC, 400mA. Comes with 110VAC adeptor. **Color Subcerrier:** 3.58 MHz. **Input: 1-Video (RCA connector) 1Vp-p. 2-Audio (RCA connector) 1-2Vp-p. Dutput:** 4-Video (RCA connector) 1Vp-p. 8-Audio (RCA connector) 1-2Vp-p 1-RF (CH-3/4 65dBuV Min.) (75Ω F connector). Size: 14-3/4''W x 6-1/4''D x 2-1/2''H.

BP COMPACT VIDEO SWITCHER

MODEL V-4805 OUR PRICE $24.95

Ceble Kit $3.75
Consists ot (3) F-3F cebles @ $1.25 ea.

DESCRIPTION

The V-4805 is e low cost compect video switcher 5-inputs, 2-outputs.

FEATURES

- Pushbutton Selection. • Deluxe plastic cabinet. • Provides 2 outputs: TV end VCR. • High Isoletion.
- Accepts 5 inputs: entenna TV, cable TV, VCR euxiliary end geme.
- Low insertion loss. • All pessive, no power required.

SPECIFICATIONS

INSERTIDN LDSS: VHF: 4 dB, UHF: 5 dB. **ISOLATION:** ANT: CH-2-8 70 dB normel, CH-7-13 60 dB normal, UHF 45 dB normal **ALL OTHER PDRT:** CH-2-13 60 dB normel, UHF 45 dB normel. **Size:** 6-1/4''W x 4-3/4''D x 1-5/8''H

BP VIDEO SELECTOR

MODEL V-4803 OUR PRICE $34.95

DESCRIPTION

The Video Selector Model V-4803 le e switcher that cen eccept six inputs end direct them to three outputs. By utilizing e switch similar to the one used on home VCR's, we evoid the signal loss incurred by using splitters. **Cables not supplied.**

BP INSTANT ANTENNA AMPLIFIER *NEW!*

IMPROVES RECEPTION ON YOU T.V. INSTANTLY!

MODEL V-458 OUR PRICE $24.95

SPECIFICATIONS

Frequency Renge: 40 - 860MHz. **Gein:** 22dB. **DC Current:** 40mA. **Dutput Level:** 100dB. **Gain Control:** 0—20 dB. **Power:** 110V/50Hz. **Impedence:** 75Ω.

BP VHS & BETA TAPE REWINDERS with counter

MODEL V-7779 VHS OUR PRICE $49.95

MODEL V-7780 BETA OUR PRICE $49.95

FEATURES

- Mechenical digit counter tor tracking down desired tape positions.
- Fast Forward with soft button action. • Rewind: Controlled speed tepe rewinding.
- Automatic off when rewinding is completed. • Stop/Eject: Soft hydreulic ection ejection.
- Prevents accidental erasing, because it does not eutomaticelly erese.
- Prevents wear and tear on valueble tapes. • Shielded motor prevents demagnetization.
- Size: 10''W x 6-3/4''D x 2-1/2''H.

VHS & BETA TAPE REWINDERS

MODEL V-7777 VHS OUR PRICE $29.95

MODEL V-7778 BETA OUR PRICE $29.95

DESCRIPTION

Protect your veluable VCR heeds with these AC operated, circuit protected tepe rewindera. A key product tor use by reteil rental store locetions.

FEATURES

- Led ''power on'' indicetor. • Dimensions: 6-1/4W x 13-1/4D x 5-3/4H''.

VIDEO LINK REMOTE XTRA-LINK

MODEL 170 OUR PRICE $39.95 SPECIAL!

DESCRIPTION

It's like heving an extra VCR or cable box—XTRA-LINK ends the endless welk between rooms.

No other video accessory available todey offers as much added control and convenience. It's common to teed video signals through coaxiel cables from one room to another. But as everyone knows, the control tape, disc or channel selection ie still located with the video com ponents in the meln viewing room.

XTRA-LINK provides full function remote control for any kind ot remote controlled video component regerdless of location. Dnce XTRA-LINK is installed on e TV—for example, in e bedroom—total control of VCR, Video Disc or Cable Selector is possible by eimply using the hand-held wireless remota controller. No metter how ter eway the componente ere located in the house, you cen atop, stert, fast forward, or perform any function available on the controller.

BP VIDEO AND AUDIO ENHANCER

MODEL V-1850 OUR PRICE $32.50

- Enhances stereo or mono. • Built-in Dubbing Cables.

DESCRIPTION

This device can connect two VCRs for duplicating video tapes. Built-in enhencer boosts video end eudio eignale so as to prevent any loss et all. The BP V-1850 will produce the dupe to be as good as the original.

BP electronics

STABILIZER/IMAGE ENHANCER/RF CONVERTER/VIDEO FADER/2-WAY DISTRIBUTION AMPLIFIER *FOR VCR TAPES*

ALL IN ONE VIDEO PROCESSOR

MODEL V-1880 **OUR PRICE $99.00**

Dimensions: 13-1/4W x 6-3/4D x 2-3/4H"

CABLE KIT (Hook-up Cables) $11.75
Contains: 1 F-3F.....$1.25 each
6 V-3606.....$1.75 each

The model V-1880 is one of the most versatile video processors on the market today. It contains five units in one. The V-1880 Video Processor can be used as a stabilizer, image enhancer, video to RF converter, video fader for professional fade in and fade out scenes and a dual output distribution amplifier.

VIDEO PROCESSOR FUNCTIONS

Stabilizer — Place stabilizer switch in "ON" position. The lock control will correct the entire range of copy guard distortion such as jitter, vertical roll or a black bar travelling through picture. With the lock control fully counterclockwise, slowly turn it clockwise until the picture locks vertically or the black bar disappears. If the picture occasionally drifts vertically or a stationary black bar appears, turn control further clockwise. If the picture occasionally jitters vertically, slightly adjust the tracking control on your VCR. If that does not help, then try turning the lock control slightly counterclockwise. A stable picture will be obtained on about 1/4 of the controls range, but it is best to keep it near the counterclockwise end of this range. Once set for a given type of tape, further adjustment should not be required.

Enhancer — The enhancer function is controlled by the Detail control. Minimum enhancement is in the full counterclockwise position. The Detail control will let you attain best picture for your own preference. Rotate clockwise until visible grain develops in the TV picture coming from the recording unit. Reduce gain control until picture is sharp and clear. Image Enhancer effectiveness will very depending on the source material. The better the source material the greater the possible improvement. On the other hand, enhancement of very poor quality material will produce minimal results. You cannot expect a great deal of improvement from a low quality source as a third generation six hour tape.

RF Converter — The RF Converter allows your TV set to receive video and audio signals from your image enhancer, guard stabilizer, video camera, computer, VCR, etc. The outputs of many video components cannot be directly hooked up to the VHF antenna terminals on your TV set. This problem is solved by utilizing this feature.
The direct video signal from any video component is can be fed into the V-1880 and converted to a useable RF signal that can go to your TV antenna terminals.

Video Fader — This function can be used to produce professional fade ins and fade outs. Use it to make gradual transitions from full video to black and back to full video. To fade out, simply place fader control in the "OUT" position and the V-1880 will automatically perform a fade out function. To fade in, simply place fader control in the "IN" position and the V-1880 will automatically perform a fade in function.

IMAGE ENHANCER

MODEL V-1860 **OUR PRICE $39.95** ***SPECIAL!***

Dimensions: 6"W x 6½"D x 2¼"H

CABLE KIT $10.50
Contains: 6 V-3606

The Model V-1860 Image Enhancer will dramatically improve the performance of video cameras and VCR's (off-the-air or second generation recordings), by compensating for deterioration of detail and sharpness. The detail control increases enhancement by improving the image sharpness, making detail more intense and flesh tones more natural. The gain control reduces snow and other low level luminence-noise brought up by too much enhancement. The gain control will also tune down the video signal eliminating excess signal which causes buzzing and distortion. Both detail and gain controls are inter-related. Adjustment of one can slightly effect the other.
For use with two slave VCR's, simply connect the V-1860 in line between your camera or master VCR. The output of the V-1860 Image Enhancer has a video output. This video output cannot be directly attached to the antenna terminals of your TV set. Attachment requires the use of a V-1885 video to RF Converter.
The V-1860 Image Enhancer includes a video distribution amplifier with two video outputs, allowing you to make two copies at once without loss in signal level.

RF CONVERTER

MODEL V-1885 **OUR PRICE $29.95** ***SPECIAL!***

Dimensions: 6"W x 6½"D x 2¼"H

CABLE KIT.....$4.75
Contains: 2 V-3606, 1 F-3F

The Model V-1885 RF Converter also known as an RF Modulator allows your TV set to receive video and audio signals from your image enhancer, guard stabilizer, video camera, computer, VCR, etc. The outputs of many video components cannot be directly hooked up to the VHF antenna terminals on your TV set. This problem is solved by using the Model V-1885 RF Converter.
The direct video signal from any video component is fed into the V-1885 RF Converter and is converted to a usable RF signal that can go to your TV antenna terminals.
The V-1885 RF Converter allows your VCR output to feed two TV sets at the same time, with virtually no signal loss. It can also be used to feed a video switcher input.

ALL GUARD STABILIZER with VIDEO and AUDIO ENHANCER

MODEL V-1896 **OUR PRICE $59.95** ***SPECIAL!***

Dimensions: 5-1/2"W x 4"D x 1-3/4"H

CABLE KI $10.50
Contains: 6 V-3606

The Model V-1896 will stabilize and remove jittering, rolling, and flashing (picture goes from bright to dim) from copyguarded video tapes. The audio section will compensate for low level audio tracks by adjusting gain to a usable level. This unit will work with older type copyguard and the very latest types of copyguard. This unit is designed for personal viewing of prerecorded video tapes. It is not intended nor should it be used for copying prerecorded program material as this may constitute a violation of existing copyright laws.

VIDEO LINK® ALL GUARD STABILIZER

MODEL 154A **OUR PRICE $59.95**

Dimensions: 6-1/2"W x 4-1/4"D x 1-3/4"H

CABLE KIT $5.25
Contains: 3 V-3606

This product eliminates the picture jitters, bright flashes, rolling, and other instability caused by both yesterday's and today's copy and coding on prerecorded video tapes. A single control adjusts this stabilizer for your combination of components, and allows rock solid viewing of all prerecorded video tapes. Video inputs and outputs only.
This products is intended for personal use only, for the watching of prerecorded video tapes. It should not be used, nor is intended for use in back-to-back copying of any prerecorded program material, and such use may constitute copyright infrigement.

VIDEONICS DirectED "The Personal Movie Maker"

Home Editing Made Easy!

MODEL **DIRECT-ED** OUR PRICE **$499.95**

- Works with VHS, BETA, 8mm and 3/4-inch video equipment from any manufacturer.
- **Editor:** Hundreds of scenes may be cut. Any number of tapes may be used. View feature allows preview before final production. **Final Production is made from the original — not a copy.**
- **Character Generator:** 3 types of titles. 3 different styles (normal, inverse, shadow). 64 color choices. Titles can be superimposed over video. Titles may be put on your choice of 64 color backgrounds.
- **Internal Graphics:** Different graphics to enhance productions (Birthday Cake, Christmas, TV set, Keyhole, Witch and others. Graphics controllable in 64 colors. May be mixed with titles.
- **Special Effects Generator:** 17 types of fades or wipes. 3 Speeds. 64 Colors. Fade or wipe in or out of a scene using backgrounds, titles and graphics.
- **Librarian:** Index and catalog every original tape ever shot, every movie ever made, every scene ever cut. Access any original tape, movie or scene at any time to use in new productions.
- Everything is done with the touch of a button, with on-screen instructions.

DESCRIPTION

The DirectED movie-making system combines the functions of a video editor, titler, and special effects generator in a single remote controlled package.
The DirectED system, is a clever and capable way to use a VCR and a playback-capable camcorder (or a pair of VCRs) to edit a videotape. With DirectEd, you can select the best scenes from one or more original tapes, arrange them in any order, add special effects, graphics, and titles, and create e finished production. You create the production, DirectED does the work.

BP VIDEO CASSETTE LIBRARY CASES

FEATURES For All Cases

- Single case cavity fits a VHS or Beta cassette tape.
- Excellent for attractive home cassette storage or movie rental.

MODEL	DESCRIPTION		OUR PRICE
V-6650	VHS vinyl case	10 FOR $12.50	1 FOR $1.50 50 FOR $50.00
V-6660	BETA vinyl case	10 FOR $12.50	1 FOR $1.50 50 FOR $50.00
V-6670	Universal vinyl case fits either VHS or BETA	10 FOR $12.50	1 FOR $1.50 50 FOR $50.00
V-6680 NEW!	Universal See-thru Plastic case fits either VHS or BETA	10 FOR $10.00	100 FOR $80.00

BP DUBBING CABLES with GOLD CONNECTORS

MODEL **V-3622**

OUR PRICE **$12.95** each

2 FOR **$20.00**

FEATURES

- Deluxe 10 Ft. Dubbing Cable for Video & Audio
- Two Gold Plated RCA Plugs on Both Ends

TRIPLE DUBBING CABLES with GOLD CONNECTORS

MODEL **V-3633** OUR PRICE **$14.95** 2 FOR **$25.00**

- 10 Ft. triple RCA to triple RCA stereo dubbing cables with gold connectors.

RABBIT DOUBLE PLAY

Watch 2 Channels At The Same Time With Your Existing TV

MODEL **DP-5000**

OUR PRICE **$179.95**

DESCRIPTION

DOUBLE-PLAY gives your television set a "screen- within-a-screen"—so you can watch two channels at the same time.
If you're a sports fan, you could see two games on screen at the same time. If the action heats up on the smaller screen, just switch pictures at the touch of a button on the remote control to get a bigger view of all the excitement.
You can freeze the picture in the smaller screen to capture a really spectacular play.
It's great for the fans of the talk- shows, day and nighttime soaps, weekly series, movies in the same time slot.
See what's on other channels without interrupting what you're watching! You can scan through other channels on the smaller screen. The system will scan automatically or back and forth between any two channels you select.
And DOUBLE-PLAY comes with its own wireless remote that lets you conveniently control each function: Scan channels, switch pictures, freeze frame...even move the smaller picture from one corner of your TV screen to another. The DOUBLE-PLAY must be used in conjunction with a VCR.

GOLD CONNECTOR CABLE SWITCHING KIT

MODEL **V-489**

OUR PRICE **$19.95**

FEATURES

- All Gold Connectors Prevents Losses Of Any Kind.
- Economical way to record any pay channel while viewing any standard channel.
- Consist of: 3—F-3F (3 foot cables), 1—F-6F (6 foot cable), 1—A/B Switch, and 1—CA-2111.

BP VIDEO-CINE CONVERTER

MODEL **V-1701**

OUR PRICE **$39.95**

DESCRIPTION

The BP Video-Cine Converter is an optical device that allows the easy transfer of slides, regular 8mm, super 8mm or 16mm movie film to VCR tape. The Video-Cine Converter's precision optics transfers the video image from your movie or slide projector on a high-contrast rear projection screen. Your video camera then copies that image. While copying you can add narration or other sound effects. During playback you can color correct faded pictures and improve contrast and brightness.
The V-1701 can be used with any video camera or slide projector. If your video camera lacks close-up capability, you will need a macro lens attachment. Patent Pending.
Size: 6" square base, 8-1/4"H.

LENS ATTACHMENTS

Model	Description	Our Price
V-14	Macro Lens	14.95
CSP4-5	Closeup Lens for 4" or 5" Carousel Slide Projectors	19.95

BP VIDEO CASSETTE CABINET

MODEL **V-6636** OUR PRICE **$24.95** ***SPECIAL!***

FEATURES

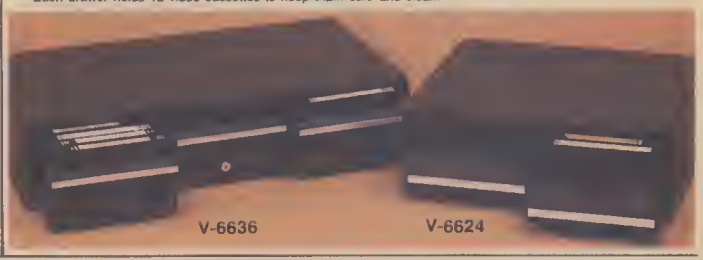
- Stores 35 VHS or BETA cassettes. • Keeps video cassettes clean and safe.
- Two drawers hold 12 video cassettes and the middle holds 11 tapes.
- Unlimited mounting. • Center drawer lock comes with lock key. • Size: 26"W x 16-1/2"D x 8"H.

2 DRAWER VCR TAPE CABINET

MODEL **V-6624** OUR PRICE **$14.95** ***SPECIAL!***

FEATURES

- Stores 24 VHS or BETA cassettes. • Unlimited mounting. • Size: 17"W x 15-1/4"D x 5-3/4"H.
- Each drawer holds 12 video cassettes to keep them safe and clean.



VIDEO EQUIPMENT

PANASONIC 68 CHANNEL CABLE TV CONVERTER

GUARANTEED TO BE TROUBLE FREE! ***Automatic Fine Tuning***

MODEL TZ-PC130-3 Channel 3 OUR PRICE $99.95

FEATURES

- **68 Channel Tuning:** Sophisticated phase-locked synthesized tuning assures accuracy and stability. The HRC and Standard/IRC frequency allocations are switch selectable to pro vide system compatibility. And can be switched without opening the coverter. You have direct access to any of the 68 channels from any channel or you can scan up or down tuning in one channel after another.
- **BTSC Stereo Compatibility:** This converter has been designed to pass BTSC stereo signals to a stereo-ready TV set without needing an add-on unit or adaptor.
- **Favorite Channel Memory:** This converter can store up to 68 favorite channels. When you press the MEM key, it will run through memorized channels only.
- **Last Channel Recall:** When it comes to following two sporting events et the same time, you can switch back and forth between the current and the previoue selected channels.
- Durable handheld remote with betteries included and Transmit indicator.

Model	Our Price
TZ-PC130-2 Channel 2	$109.95
Same feetures as the TZ-PC130-3 only channel 2	
TZ-PC160-3 Channel 3 with ***VOLUME CONTROL***	$139.95
Sama Faatures as the TZ-PC130-3 plus volume control.	
TZ-PC160-2 Channel 2 with ***VOLUME CONTROL***	$149.95
Same Features as the TZ-PC130-2 plue volume control.	

REMBRANDT® 71 CHANNEL CORDLESS CONVERTER

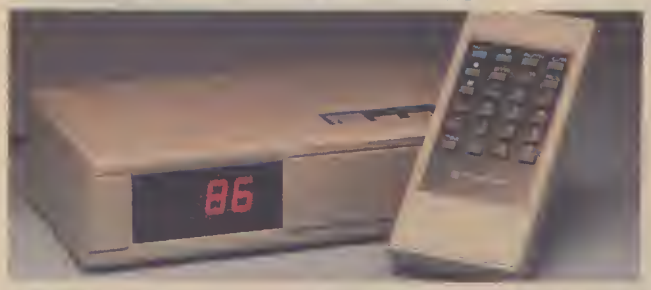
MODEL VA-071 OUR PRICE $79.95

FEATURES

- Full 71 channel capability (8 channel tevorite memory). • Cordlass Intra-Red ramote control.
- Ultra-Stebla aynthesized tuning, advance microprocassor controlled PLL operetion.
- Channel Step UP/DOWN and Power ON/OFF on tha converter unit.
- Key Board Chennel Selection trom tha comfort of your chair.
- LED digitel display on tha converter. • Independent Chennel Fine Tuning.
- Low Power Coneumption. • Works on all TV models, compatibla with MATV/CATV systems.
- Channel 3 Output. • Size: 9-3/4"W x 8-1/4"D x 2-1/2"H.

PIONEER BC-4500 SERIES —83 CHANNEL WIRELESS REMOTE CONVERTER

MODEL BA-5000 OUR PRICE $119.95



This converter features Pioneer's frequency synthesized phase lock loop (PLL) circuit to maintain accurete tuning, e SAW resonetor to maintain stable output frequency, and capristors to guard against currents and power surges. The 550MHz capability ie standard, offering up to 83 channele for your programming needs. It can also be used in conjunction with Pioneer's SmartRemote.

FEATURES

- Aveileble in Chennel 2 or 3. • Favorite Channel Memory with 10 programmable channels.
- Quick chennal scanning of e series of fevorite channele.
- Last Channel Recall, permits you to monitor two channele by switching back and forth.
- TV on/off Reley. • Size: 8.25"W x 5"D x 2"H. Weight: 2.2 lbs.

BP 139 CHANNEL WIRELESS REMOTE CONTROL CABLE CONVERTER with VOLUME CONTROL

MODEL V-7739 OUR PRICE $139.95 *FOR CABLE TV or UHF/VHF ANTENNA*

FEATURES

- LED Chennel Display. • 139 Chennel Capebility. • Fine Tuning/On-Off.
- Volume Control with Mute. • Simple Inetelletion. • UHF, VHF, Cable TV.
- Favorita channel memory & recell. • Single Chennel Scan: Scan up/down or direct access.
- Bese Bend Audio & Video Outputs: cen be used on any monitor.

SPECIFICATIONS

INPUT PORT: 2, VHF 75 Ω, UHF 300 Ω. **OUTPUT CHANNEL:** RF: CH 3/4 ewitch selecteble in reer of convarter, 87 ±5 dB uv. **Video:** 1 ±0.3v-pp @75 Ω. **Audio:** 1 ±0.3v-pp @600 Ω. **OUTPUT PORT:** 1 RF 75 Ω, F connector 1 video, RCA jeck, 1 eudio, RCA jeck. **FINE TUNING:** ±2 MHz, 62.5 KHz per etep. **INPUT SIGNAL RANGE:** -5 dBmv —30 dBmv. **NOISE FIGURE:** 9.0 dB TYP. 11.0 dB MAX. **V.S.W.R.:** 5.0 TYP. 7.5 MAX. **IMAGE REJECTION:** 50 dB TYP. 40 dB MIN. **SPURIOUS REJECTION:** 45 dB MIN. 1% (-40 dB) Crose Moduletion (CH. 82 -2) 75 dB uv MIN. (maesured 1% croes moduletion with +/-CH. 2 undesired chennel). Size: 10"W x 6-3/4"D x 2-1/2"H.

BP VIDEO DISTRIBUTION SYSTEM

MODEL V-4810 OUR PRICE $69.95 ***SPECIAL!***

- Accepts one audio input (left and right channels). • Accepts one video input.
- Accepts one RF inmput channel (2, 3, or4).
- Allows for distribution of all the video director input sources to 3 outputs one VCR and two TV's.

DESCRIPTION

This unit accepts e VHF output, base band audio output, and e video output of most video sources such as: VCRs, Satellite receivers, Computere, Video games, Closed circuit TV cameras, and Cable converters. The RF sources must heve e VHF output on channele 2, 3 or 4. Each VHF input can now be converted to e single UHF channels which can be edjusted to ona of 6 channels (63 thru 68). Each base band video end eudio source can be converted to e single channel which an be adjusted to one ot 5 chennels (14 thru 16).

HAND HELD REMOTES

FOR JERROLD 400 SERIES

MODEL V-496

OUR PRICE $24.50

FOR JERROLD 450 SERIES

MODEL SRC-II

OUR PRICE $24.50

PIONEER SMARTREMOTE™

Eliminates The Inccnvenience Of Multiple Remote Control Use. Use The SmartRemote To Control Eight Features Of Your Home Entertainment System

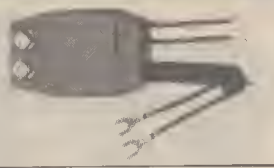
MODEL BR-100 OUR PRICE $79.95

DESCRIPTION

Too meny remotes controlling your homa enterteinment system? Uncomplicate it with the SmertRemote. The Pioneer SmertRemote is e powerful remote control thet operetes 8 different teetures ot your favorite audio/video components Plus it will also run ell the teetures ot your Pioneer Cable Television Converter.
Ae you chenge the components ot your enterteinment system, you can quickly reprogrem the keys on your SmertRemote. You're never locked into using the seme 8 teetures. It'e eimple to progrem end eesy to operete.

CALL US MONDAY THRU FRIDAY 8:00 AM to 6:30 PM • SATURDAY 9:00 AM to 3:00 PM E.S.T.

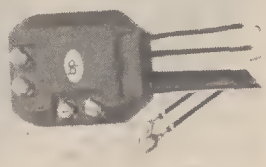
BP VHF/UHF SEPARATOR
MODEL SP-702BL



OUR PRICE **$1.50** each 10 FOR **$12.50**

Uses behind TV set to split the VHF/UHF signals to the TV set from a single 300 ohm down lead. Piercing washer terminals eliminate the need to strip wire ends.

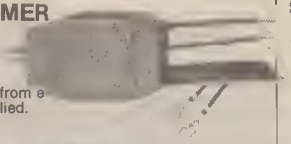
BP VHF/UHF/FM SEPARATOR
MODEL SP-703BL



OUR PRICE **$1.75** each 10 FOR **$15.00**

Uses behind TV set to split the VHF/UHF/FM signals to the TV set or FM receiver from a single 300 ohm down lead. Piercing washer terminals eliminate the need to strip wire ends.

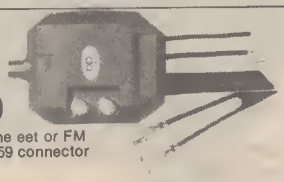
BP VHF/UHF SEPARATOR-TRANSFORMER
MODEL SP-802BL



OUR PRICE **$1.75** each 10 FOR **$15.00**

Used behind TV set to split the VHF/UHF signals to the set from a single 75 ohm coaxial cable input. One F-59 connector supplied.

BP VHF/UHF/FM SEPARATOR-TRANSFORMER
MODEL SP-803BL



OUR PRICE **$1.95** each 10 FOR **$17.50**

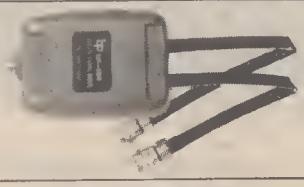
Used behind TV set to split the VHF/UHF/FM signals to the set or FM receiver from a single 75 ohm coaxial cable input. One F-59 connector supplied.

BP VCR/TV SEPARATOR VHF/UHF/FM SPLITTER & BALUN
MODEL SP-903

OUR PRICE **$2.50** each 10 FOR **$19.90**

- 75 ohm input. W/F conn. • 75 ohm and 300 ohm output.
- **Blister package.**

BP VCR/TV SIGNAL MIXER
MODEL SP-904

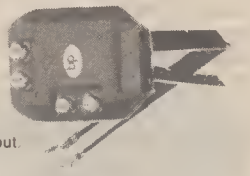


OUR PRICE **$2.50** each

10 FOR **$19.90**

- 2 — 75 ohm inputs. • 1 — 75 ohm output.

BP VCR/TV SEPARATOR UHF/FM SPLITTER & BALUN
MODEL SP-905



OUR PRICE **$1.95** each 10 FOR **$17.50**

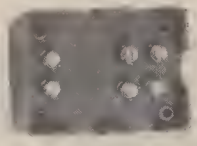
- 300 ohm input. • 300 ohm TV and FM output. • 75 ohm output.

BP VCR/TV SIGNAL MIXER
MODEL SP-906

OUR PRICE **$2.25** each 10 FOR **$20.00**

- 300 ohm input. • Dual 75 ohm output.

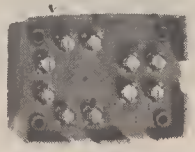
BP CP-2 TWO SET COUPLER
MODEL CP-202



OUR PRICE **$1.75** each 10 FOR **$12.50**

VHF/UHF/FM low loss two set coupler. 300 ohm input. Two 300 ohm outputs. Power passive, excellent match. Features no strip piercing screws. Supplied with mounting screws.

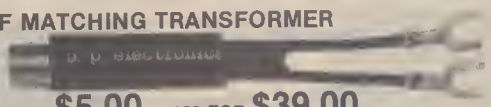
BP CP-4 FOUR SET COUPLER
MODEL CP-404



OUR PRICE **$2.75** each 10 FOR **$22.50**

VHF/UHF/FM low loss four set coupler. 300 ohm input. Four 300 ohm outputs. Power passive, excellent match. Features no strip piercing screws.

BP VHF/UHF MATCHING TRANSFORMER
MODEL MT-1



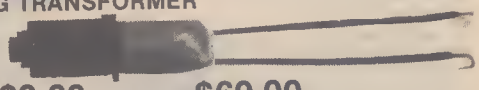
OUR PRICE

75¢ each 10 FOR **$5.00** 100 FOR **$39.00**

VHF/UHF 75-300 ohm matching unit. Miniature size completely shielded and balanced for reduction of direct pick-up. AC/DC blocking.

SPECIFICATIONS: • Frequency range: 5-900 mHz. • Circuit: 3 capacitors on PC board.

VHF/UHF MATCHING TRANSFORMER
MODEL MT-2 (outdoor)



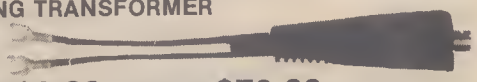
OUR PRICE

$1.00 each 10 FOR **$9.00** 100 FOR **$69.00**

Completely plastic molded construction for weather-proofing. Supplied with rubber boot.

SPECIFICATIONS: • Frequency range: 0-900 mHz. • Circuit: 2 capacitors on PC board.

VHF/UHF MATCHING TRANSFORMER
MODEL MT-3 (outdoor)



OUR PRICE

$1.19 each 10 FOR **$9.90** 100 FOR **$79.00**

Completely plastic molded construction for weather-proofing.

SPECIFICATIONS: • Frequency range: 0-900 mHz.

BP 3-WAY COAXIAL A-B-C SWITCH FOR ANTENNA, CABLE, AND VCR
MODEL AB-390

OUR PRICE **$7.95**

FEATURES
- 3 inputs. • 1 output.
- F connectors.

BP COAXIAL SWITCH
MODEL AB-30

OUR PRICE **$5.95** each

10 FOR **$50.00**

DESCRIPTION

The AB-30 is a versatile product, with a range of consumer and MATV applications. Highly reliable with only one moving part. Individually packed, less cable connectors. Twelve units per standard carton.

SPECIFICATIONS
- Impedance: 75Ω, self-termination of unused input.
- Band Pass: 0 to 890 mHz. • Isolation: 0 to 300 mHz, 90 dB, 300 to 90 mHz, 80 dB.
- Insertion Loss: <0.2 dB. • Connectors: Three F-61A chassis connectors 'A', 'B' and output.

APPLICATIONS
- Dual CATV and MATV A/B cable systems. • Home EV antenna systems.
- With video cassette recording system.
- The exceptionally high isolation between A & B of model AB-30 permits its use in any A/B situation without concern about possible co-channel interference.

BP COAXIAL SWITCHING FOR TV AND VIDEO CASSETTE RECORDERS
MODEL AB-370

OUR PRICE **$6.95** each

5 FOR **$30.00**

3-Position Coaxial Push-Button Switch

DESCRIPTION

Heavily shielded switch box providing maximum isolation to avoid 'bleeding' of one strong channel into another during TV viewing. Four 'F' connectors accept 75 coaxial cable with F59 fittings for switching to various selections of TV and antenna combinations. Pushbutton switches are located conveniently on top of the attractive, deep blue metal cabinet having keyhole cutouts for flush wall mounting. These 75Ω resistors properly terminate any unused position. Overall size: 3-1/2" x 2-3/4" x 2". Individually boxed.

MODEL AB-380

OUR PRICE **$6.95** each 5 FOR **$30.00**

3-Position Coaxial Push-Button Switch

FEATURES
- Three inputs: Two F connectors and one RCA jack. One output: F connector.
- All other features are the same as the AB-370.

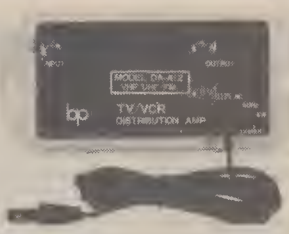
ANTENNA ACCESSORIES

BP DISTRIBUTION AMPLIFIER UHF/VHF/FM
MODEL DA-412

OUR PRICE **$37.95** each

2 FOR **$70.00**

2 Outputs



DESCRIPTION
UHF/VHF/FM broadband distribution amplifier with high input capability. Features low noise, high overload capacity, lightning protection, heavy guage metal case, on-off indicator light.

SPECIFICATIONS
Bandwidth (MHz): 54 to 216, 470 to 890. **Gain (dB):** 12 (VHF) (2 outputs), 10 (UHF) (2 outputs). **Noise Figure (dB):** 6 (VHF), 7.7 (UHF). **Input Capability:** 40 dBmV (100 mV) for VHF, 20 dBmV (10mV) for UHF. 3 CH in LB, 4 CH in HB, 3 CH in UHF: Present simultaneously with no perceptible distortion. **Input:** 75 ohm coaxial. **Output:** 75 ohm x 2 coaxial. **Temperature Range:** −40° to +140°F. **Power Requirements:** AC 117V, 60Hz. **Dimensions:** 6-5/8" x 3-3/32" x 1-7/16".

BP DISTRIBUTION AMPLIFIER VHF/UHF/FM With FM Trap
MODEL DA-425 OUR PRICE **$29.95** each 4 FOR **$100.00**

FEATURES
- Designed for TV/VCR multiple-set installations.
- Provides high gain to improve TV reception on VHF/UHF channels 2-83.
- Integrated circuit. • Low noise.
- High overload capacity.
- Extra lightning protection at RF input.
- Heavy gauge metal housing.
- On/off indicator light. • Switchable FM trap.

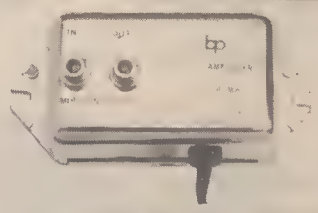
UHF Signal Booster

SPECIFICATIONS
Band Width: VHF 54-900 mHz, UHF 470-890 mHz. **Gain (dB):** VHF 24 dB, UHF 22 dB. **Maximum Input (at 7 VHF channels and 4 UHF channels) Simultaneous Operation:** VHF 15 dBmV, UHF 17 dBmV. **Maximum Output (at 7 VHF channels and 4 UHF channels) Simultaneous Operation. Cross Modulation at** −46 dB: VHF 40 dBmV per channel, UHF 40 dBmV per channel. **Noise Figure:** VHF Low 5.4 dB, High 6.2 dB, UHF 14 dB. **FM Trap: Attenuation Rejection Band:** −20dB (switchable) 95-105 mHz. **Temperature Range:** −40°F to +140°F. **Input:** 75 ohm — 'F' type coaxial cable. **Output:** 75 ohm — 'F' type coaxial cable. **Power Requirement:** AC 117 V. 60 Hz. **Housing Dimensions:** 3-3/32" x 6-5/8" x 1-7/16". **Length of Power Cord:** 6 ft.

BP VHF/FM AMPLIFIER
MODEL 7002

OUR PRICE **$9.95** each

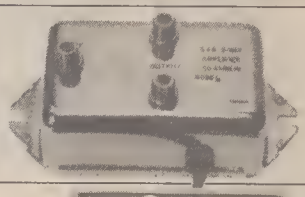
5 FOR **$45.00**



SPECIFICATIONS
- All solid state signal amplifier boosts week signals.
- Signal gain: 10 dB. • Bandwidth: 50-300 mHz.
- Volts: 110-120V AC. • Impedance: 75 ohm.
- Outputs: One. • Display package.

BP VHF/FM AMPLIFIER
MODEL 7003

OUR PRICE **$12.95**

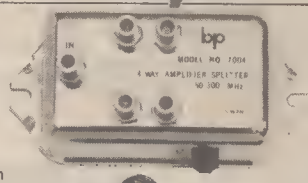


FEATURES
- All solid state signal amplifier boosts signals.
- Signal Gain: 8 dB. • Bandwidth: 50-400 MHz.
- Volts: 110-120 VAC. • Impedance: 750 HM.
- Outputs: Two. • Display Pkg.

BP VHF/FM AMPLIFIER
MODEL 7004

OUR PRICE **$12.95** each

5 FOR **$60.00**



SPECIFICATIONS
- All solid state signal amplifier for up to 4 sets.
- Signal gain: 3 dB 50-300 mHz. • Impedance: 75 ohm
- Outputs: Four. • Display package.

BP GROUNDING BLOCK
MODEL GB-1

OUR PRICE **49¢** each 10 FOR **$3.90**

FINCO TUBE TYPE AMPLIFIER
MODEL 65-1

OUR PRICE **$29.95**

DESCRIPTION
Tube type VHF-FM distribution amplifier, single 300 ohm input, four 300 ohm outputs, Gain 8 dB to each outlet.

BP ANTENNA CLOTHES PIN
MODEL CP-1

OUR PRICE 20 FOR **$5.00**

100 FOR **$20.00**

BP SUPER COLOR TV BOOSTER
MODEL V-7300

OUR PRICE **$24.95**

FEATURES
- High Gain.
- Low Noise.
- High Power.
- Full Lighting Protection.
- Environmental Stability.
- Easy To Mount.

SPECIFICATIONS
Band Width: 40-860 MHz. **Gain:** V:26 dB U:22 dB. **Max. Output Level:** 105 dBuV. **Input Impedance:** 75/300 ohms. **Output Impedance:** 75/300 ohms. **Noise Figure:** 4 dB/below AT500 MHz. **Applicable Temp.:** -20°C — +50°C. **Dimensions:** 143 x 82 x 68mm 330g.

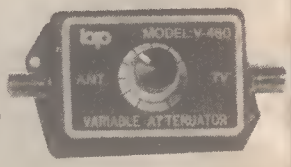
CHANNEL MASTER
UHF/VHF/FM RF ATTENUATORS
MODEL 7270

OUR PRICE **$6.95** SPECIAL!

DESCRIPTION
These highly stable, in-line, fixed and variable attenuators can be used anywhere needed, for adjusting or equalizing signal levels. Model 7270 is a variable unit providing 0 to 21 dB attenuation in convenient 3 dB steps.

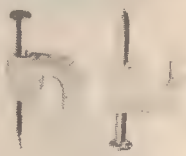
BP GHOST ELIMINATOR 75-OHM VARIABLE ATTENUATOR
MODEL V-460 OUR PRICE **$6.95** *SPECIAL!*

FEATURES
- Illiminates Ghosts in TV reception.
- Reduce interference in TV reception from a weaker TV station on the same frequency or multipath interference from a single station.
- The attenuator allows you to fine-tune each station for the best signal strength.
- Install this model at the 75Ω terminal on back of TV, using a coaxial cable with 'F' connectors (not included). If you TV has only a 300Ω screw terminal, use a 300Ω to 75Ω transformer. (not included).



BP CABLE CLAMPS
MODEL V-425 OUR PRICE **$1.50** per pkg.

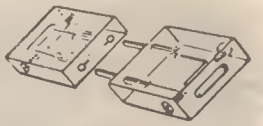
For 75Ω Coax Cable



DESCRIPTION
For securing cable to wood, cement, plaster, brick, almost any surface. Tough, con-corrosive plastic. Complete with corrosion resistant hardened steel nails. Package of 25.

BP TWIN LEAD CONNECTORS
MODEL V-265

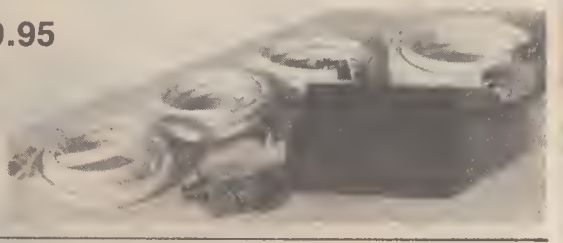
OUR PRICE 2 FOR **$1.00**



DESCRIPTION
Bulk packaged. Clear polystyrene twin lead connectors make joining 300Ω twin lead a snap.

BP CABLE SWITCHING KIT
MODEL V-488

OUR PRICE **$9.95**



DESCRIPTION
Easy to install · Economical way to record any pay channel · while viewing any standard channel. Consists of 3—F-3F cables, 1—F-6F cable, 1-A/B switch, 1—CA-2111.

BP COAXIAL CABLE OUTLET with F81C
MODEL MA-1010

OUR PRICE **79¢** each 10 FOR **$6.90**

DESCRIPTION
Flush-mounted feed through, 75Ω cable output, 75Ω input receptacle. Constant impedance. Incorporates crimp-on ferrule connection for lead-in. F59A female connection both ends. With use of F81C connector.

75 OHM COAX FEED THRU PLATE
MODEL MA-1080

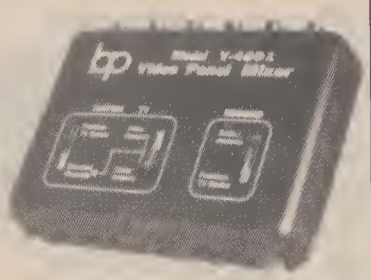
OUR PRICE **30¢** each 10 FOR **$2.50**

Flush mounted feed-thru wall plate. Ivory color.

FORDHAM RADIO • 260 MOTOR PARKWAY • HAUPPAUGE • NEW YORK 11788

BP VIDEO SWITCHER
MODEL V-4801

OUR PRICE $19.95



DESCRIPTION

Now all you do is flip e switch to watch a program on any channel, while simultaneously recording e program on any cable or pay TV channel—or vice versa. Plus, you can use your recorder's programming feature to record cable or pay TV programs while you're away.

The Switcher also allows you to use your remote control device while recording. That's something you can't do on many video systems.

The Switcher is e completely pre-assembled unit that you simply 'plug into' your system using special cables (not included). Anyone can do the job in less than 5 minutes—with no need for special tools or technical know-how. Best of all, the Switcher is small enough (5 x 7 x 1") and good looking enough to fit in beautifully with your video components

With the sizable investment you have in your TV, VCR and Cable/Pay TV systems, the Switcher gives you en· easy, inexpensive way to greatly increase the value and enjoyment of that investment.

• Cables Not Supplied Optional Cable Kit.. $3.75: includes 3 F-3F cables et $1.25 each.

BP VIDEO CONTROL CENTER
MODEL V-4802

EXTRA SPECIAL!

OUR PRICE

$19.95

The Video Control Center provides remote control access of all your Video, TV or Cable inputs to your TV set or Big Screen TV from one convenient location by merely flipping e switch.

FEATURES

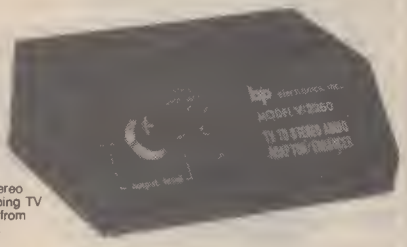
- One output, your TV set or Big Screen TV.
- No need to change cables to access your desired Video or TV input to your TV set
- Four inputs can handle whatever you desire to send to your TV set
- Completely passive, i.e. no AC power required to operate.
- Auxiliary input and output provides added flexibility to complete your control center.
- Small, compact Lightweight. • Cables Not Supplied

Optional Cable Kit...$3.75: includes 3 F-3F cables at $1.25 each.

BP TV TO STEREO AUDIO ADAPTOR/ENHANCER
PERFECT FOR MTV

MODEL V-2250

OUR PRICE $16.95



The V-2250 easily connects to any TV and Stereo Amplifier — letting you enjoy simulated stereo sound from all your favorite TV shows. Makes taping TV Audio simple — TV can be located any distance from stereo. Delivers two channels of simulated stereo.

FEATURES

- The V-2250 gives you simulated stereo from all your favorite TV shows.
- With noise eliminator & special output level controls. • Frequency response: 50Hz -15,00KHz.

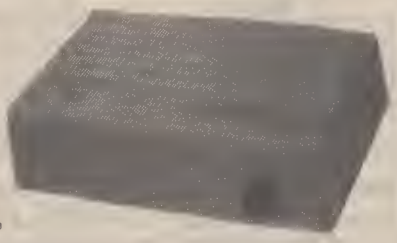
SPECIFICATIONS

- Insertion Loss —3dB max. • Volume Effect —40dB min. • Noise Elimination: 6dB min.
- Size: W 5 1/8" x H 2 1/2" x D 3 1/4". • Use to Record from Mono VCR to Stereo VCR.

BP 46 CHANNEL UHF CABLE CONVERTER WITH FINE TUNING
FOR CABLE TV

MODEL V-5746

OUR PRICE $19.95

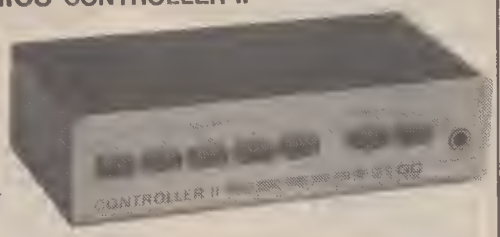


FEATURES

- 46 Channels. • For Beta/VHS recording.
- High performance at an economy price.
- Record and use TV's remote control.
- Allows complete programming of VTR
- Fully shielded oscillator eliminates herring bone distortion.
- Super color quality for watching or recording and selectable channels
- Receives midband, superband/and all VHF TV channels on UHF, for all kinds of TV sets.
- Trimmer allows frequency adjustmant of 2±mHz.

GC ELECTRONICS CONTROLLER II
MODEL 30-8712

OUR PRICE $69.95



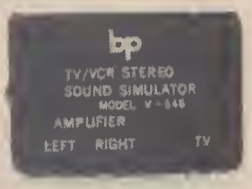
DESCRIPTION

The GC Electronics CONTROLLER II is designed to provide independent control for up to 5 speaker pairs, while protecting your amplifier for overload damage. The exclusive amplifier protection circuit prevents dangerously low impedance conditions when multiple speaker sets are used. The CONTROLLER II also provides for switching between two sources, i.e. receivers, amplifiers, and stereo TV's. In addition, a front panel headphone jack is provided for private listening.

BP TV STEREO SOUND SIMULATOR
PERFECT FOR MTV

MODEL V-646

OUR PRICE $5.95 each 6 FOR $30.00



DESCRIPTION

Stereo sound simulator. Simple connection to your TV and stereo. Now enjoy TV viewing while listening in stereo. Great for VCR's.

- Use to Record from Mono VCR to Stereo VCR.

BP TV GAME SWITCH
MODEL V-450

OUR PRICE $2.50 each

10 FOR $20.00

FEATURES

- 300Ω in and out with RCA plug.
- Permanent hook-up of TV video game to set.
- Quick selection of video game or TV at the change of the switch.
- Easy to install.

TV GAME SWITCH
MODEL V-451

OUR PRICE $2.95 each

10 FOR $25.00

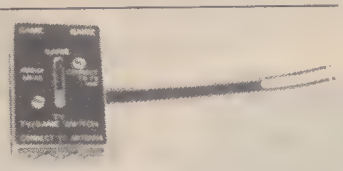
FEATURES

- 75Ω and 300Ω in and out with RCA plug.
- Permanent hook-up of TV video game to set.
- Quick selection of video game or TV at the change of a switch.
- Easy to install.

TWO GAME TV SWITCH
MODEL V-452

OUR PRICE $2.75 each

10 FOR $25.00



- Two RCA Jack.

DUAL INPUT / DUAL OUTPUT TV GAME SWITCH
MODEL V-453

OUR PRICE $3.50 each 10 FOR $30.00

DESCRIPTION

Universal game switch permits connection of TV game to TV with either 75Ω or 300Ω input. May be used with 75Ω or 300Ω antenna input.

MODEL V-454

OUR PRICE $3.75 each 10 FOR $32.50

V-454: Same as V-453 but for two games

BP COAX AB SWITCH
MODEL AB-27

OUR PRICE $2.95 each

10 FOR $20.00

FEATURES

- Input: 75Ω. • Output: 300Ω
- Isolation: A & B 85 db; A & TV 85 dB; B & TV 85 dB.
- Blister package.

COAX AB SWITCH
MODEL AB-28

OUR PRICE $2.95 each

10 FOR $20.00

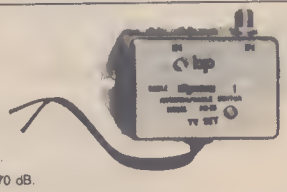
FEATURES

- Input: 75Ω. • Output: 300Ω
- Isolation: A & B 70 db; A & TV 75 dB; B & TV 75 dB.
- Blister package.

COAX AB SWITCH
MODEL AB-29

OUR PRICE $2.95 each

10 FOR $20.00



FEATURES

- Input: 75Ω. • Output: 300Ω
- Isolation: A & B 65 db; A & TV 70 dB; B & TV 70 dB.
- Blister package.

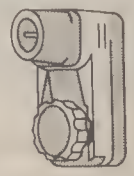
CHARGE IT • VISA • MASTER CARD • AMERICAN EXPRESS • Toll Free 800-645-9518 • NYS Toll Free 800-832-1446

VIDEO ACCESSORIES

BP QUICK CONNECT "F" PLUG & BALUN
MODEL V-400

OUR PRICE **$1.50** each 10 FOR **$12.50**

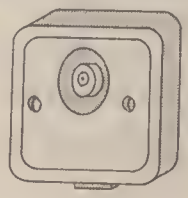
DESCRIPTION
Adds mobility to your VCR & TV. Converts 300 ohm input to 75 ohm output. No wiring necessary. Peg packaged.



BP QUICK CONNECT "F" WALL JACK
MODEL V-401

OUR PRICE **$1.75** each 10 FOR **$15.00**

DESCRIPTION
Adds mobility to your VCR & TV. Mates directly with "F" antenna plugs.

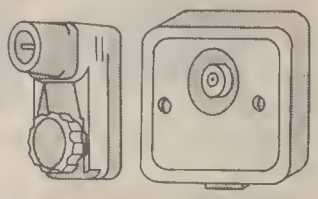


BP VCR-TV QUICK CONNECT "F" SET
MODEL V-402

OUR PRICE **$2.75** each

10 FOR **$25.00**

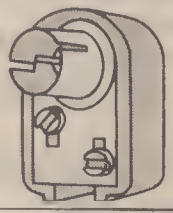
DESCRIPTION
Adds mobility to your VCR-TV. Push on/pull off antenna connectors allow instant switching for multi-purpose installations. Instructions included. Peg packaged.



BP QUICK CONNECT "F" PLUG
MODEL V-403

OUR PRICE **75¢** each 10 FOR **$6.00**

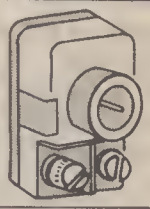
DESCRIPTION
Adds mobility to your VCR & TV. For 75 ohm cable. No wiring necessary. Instructions included. Peg packaged.



BP QUICK CONNECT "F" PLUG & BALUN
MODEL V-404

OUR PRICE **$1.50** each 10 FOR **$10.00**

DESCRIPTION
Adds mobility to your VCR & TV. Converts 300 ohm input to 75 ohm output. No wiring necessary. Peg packaged.



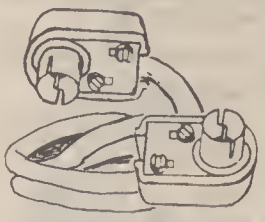
BP QUICK CONNECT "F" PLUG RG 59U
MODEL V-4033 3 Ft.

OUR PRICE **$1.95** each 10 FOR **$17.50**

MODEL V-4036 6 Ft.

OUR PRICE **$2.50** each 10 FOR **$22.50**

DESCRIPTION
3 ft. or 6 ft. Push-on Quick Connect "F" plug on both ends. Blister packaged.



BP COAXIAL JUMPER CABLE

MATV Application RG59/U Cable
F59 Connector—F59 Connector

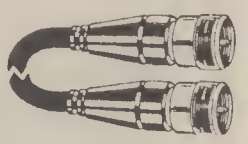
Model	Length	Our Price Each	10 FOR
F-3F	3 Ft.	$1.25	$10.00
F-6F	6 Ft.	$1.50	$12.00
F-12F	12 Ft.	$2.50	$20.00
F-20F	20 Ft.	$2.99	$25.00
F-50F	50 Ft.	$6.95	
F-100F	100 Ft.	$12.95	

BP 75-OHM CABLE RG 59U
MODEL V-3303

OUR PRICE **$2.95** each 10 FOR **$27.50**
3 ft., UHF plug to UHF plug. Blister package.

75-OHM CABLE
MODEL V-3310

OUR PRICE **$3.50** each 10 FOR **$30.00**
10 ft., UHF plug to UHF plug. Blister package.

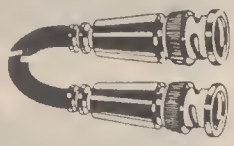


BP 75-OHM CABLE RG 59U
MODEL V-3403

OUR PRICE **$3.50** each 10 FOR **$30.00**
3 ft., BNC plug to BNC plug. Blister package.

75-OHM CABLE
MODEL V-3410

OUR PRICE **$3.95** each 10 FOR **$35.00**
10 ft., BNC plug to BNC plug. Blister package.

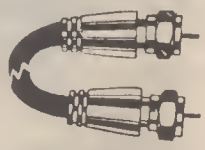


BP 75-OHM CABLE RG 59U
MODEL V-3506

OUR PRICE **$1.95** each 10 FOR **$17.50**
6ft., "F" connector both ends. Blister package.

75-OHM CABLE
MODEL V-3512

OUR PRICE **$2.95** each 10 FOR **$27.50**
12 ft., "F" connector both ends. Blister package.

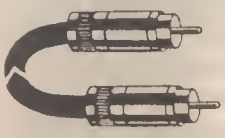


BP 75-OHM CABLE RG 59U
MODEL V-3606

OUR PRICE **$1.75** each 10 FOR **$15.00**
6 ft., RCA plug both ends. Blister package.

75-OHM CABLE
MODEL V-3612

OUR PRICE **$2.50** each 10 FOR **$22.50**
12 ft., RCA plug both ends. Blister package.

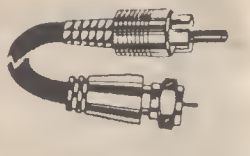


BP 75-OHM CABLE RG 59U
MODEL V-3703

OUR PRICE **$1.95** each 10 FOR **$17.50**
3 ft., RCA plug to "F" connector. Blister package.

75-OHM CABLE RG 59U
MODEL V-3710

OUR PRICE **$2.50** each 10 FOR **$22.50**
10 ft., RCA plug to "F" connector. Blister package.



BP QUICK CONNECT RIGHT ANGLE PUSH ON CABLES
MODEL V-3533 3 Ft.

OUR PRICE **$2.75** each 10 FOR **$25.00**
3 ft. RG-59 cable with right angle Push-on "F" plug on both ends.

MODEL V-3534 3 Ft. with GOLD CONNECTORS

OUR PRICE **$3.75** each 10 FOR **$35.00**
Same as above with Gold Connectors on Both Ends

MODEL V-3566 6 Ft.

OUR PRICE **$2.95** each 10 FOR **$27.50**
6 ft. RG-59 cable with right angle Push-on "F" plug on both ends.

MODEL V-3567 6 Ft. with GOLD CONNECTORS

OUR PRICE **$3.95** each 10 FOR **$37.50**
Same as above with Gold Connectors on Both Ends

MODEL V-3588 12 Ft.

OUR PRICE **$3.50** each

10 FOR **$30.00**
12 ft. RG-59 cable with right angle Push-on "F" plug on both ends.

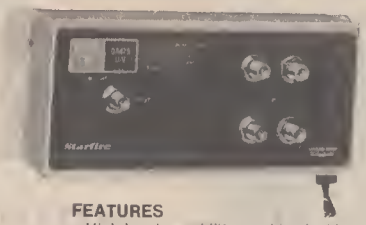
MODEL V-3589 12 Ft. with GOLD CONNECTORS

OUR PRICE **$4.50** each

10 FOR **$40.00**
Same as V-3588 with Gold Connectors on Both Ends

CALL US MONDAY THRU FRIDAY 8:00 AM to 6:30 PM • SATURDAY 9:00 AM to 3:00 PM E.S.T.

BLONDER-TONGUE STARFIRE SERIES



MODEL DA-475 U/V
Four Outputs
OUR PRICE **$57.50**

MODEL DA-475 V
Four Outputs
OUR PRICE **$47.50**

MODEL DA-4300 U/V
Four Output
OUR PRICE **$52.00**

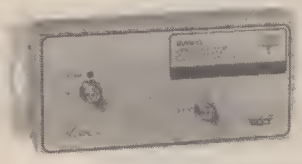
MODEL DA-4300 V
Four Output
OUR PRICE **$42.00**

FEATURES
- High input capability combined with low noise.
- Models available for all applications (VHF/FM, UHF/VHF/FM—75 ohm and 300 ohm).
- Patented ICEF circuit for extra wide VHF dynamic range.
- Amplifies four TV's/FM sets.

Model	Description	Input Capability (dBmV)	Noise Figure (dB)	Gain (dB)	Input Ohms	Output Ohms
DA-475u/v	For 75 ohm coax cable. All channels VHF/UHF thru CH 8 & FM	35 (VHF) 30 (UHF)	4.8 (VHF) 4.5 (UHF)	7 (VHF) 10 (UHF)	75	75
DA-4300u/v	All VHF/UHF (14-83) channels plus FM 300 ohm twinlead input & outputs	35 (VHF) 28 (UHF)	5.5 (VHF) 5.7 (UHF)	6 (VHF) 9 (UHF)	300	300
DA-475v	CH 2-13 & FM amp. with 75 ohm coax cable input and outputs	35 (VHF)	4.8 (VHF)	6 (VHF)	75	75
DA-4300v	300 ohm input & outputs. Amps VHF (2-13) & FM.	37 (VHF)	5.6 (VHF)	5 (VHF)	300	300

BLONDER-TONGUE UHF/VHF DISTRIBUTION AMPLIFIER

MODEL MUVB-15
OUR PRICE **$59.50**

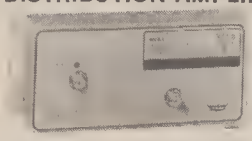


SPECIFICATIONS
- Output Capability (dBmV): VHF = 50; UHF = 47.
- Gain: VHF = 15 dB; UHF = 18 dB.

DESCRIPTION
Our least expensive Masterline® UHF/VHF amplifier. Excellent for small home all-channel distribution systems. Full CH. 2-83 operation including CATV midband for premimum channels. Adjustable built-in FM trap to attenuate strong local FM stations. A low-cost professional solution to residential TV systems for technically discriminating home owners.

BLONDER-TONGUE VHF DISTRIBUTION AMPLIFIER

MODEL MVB-15
OUR PRICE **$46.50**

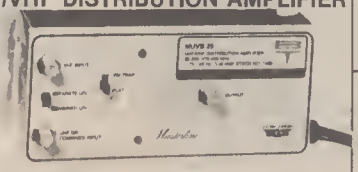


SPECIFICATIONS
- Output Capability (dBmV): VHF = 50.
- Gain: VHF = 15 dB.

DESCRIPTION
Our least expensive Masterline® VHF-only amplifier. Ideal for small home TV distribution systems or for that little bit of extra power to solve end-of-the-line MATV situations. Full CH. 2-13 operation including CATV midband for premimum channels. Adjustable built-in FM trap to attenuate strong local FM stations and minimize TV interference. A low-cost professional solution to residential TV systems for technically discriminating home owners.

BLONDER-TONGUE UHF/VHF DISTRIBUTION AMPLIFIER

MODEL MUVB-25
OUR PRICE **$69.95**

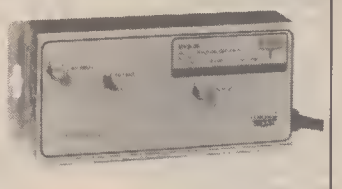


SPECIFICATIONS SPECIAL!
- Output Capability (dBmV): VHF = 50; UHF = 48.
- Gain: VHF = 27 dB; UHF = 29 dB.

DESCRIPTION
A professional quality amplifier for large homes and small commercial VHF and UHF on-channel MATV systems. Excellent for TV showrooms when demonstrating UHF in addition to VHF channel performance. Provides low-cost CATV midband amplification for premimum channel distribution. Full UHF range to 890 mHz—ideal for translator reception. Switchable FM band stop filter eliminates TV interference from strong local FM stations.

BLONDER-TONGUE VHF DISTRIBUTION AMPLIFIER

MODEL MVB-25
OUR PRICE **$59.95**



SPECIFICATIONS
- Output Capability (dBmV): VHF = 50.
- Gain: VHF = 27.

DESCRIPTION
A professional quality amplifier for large homes and small commercial MATV systems. Provides a larger end-of-the-line kick than the MVB-15. Excellent for TV showrooms in VHF-only areas. Provides low-cost CATV midband amplification for premium channel distribution. Switchable FM band stop filter eliminates TV interference from strong local FM stations.

BP CABLE TV DISTRIBUTION AMPLIFIER

For Midband, Superband and Hyperband, Plus F.M.

High Gain Low Noise!

MODEL DA-443
OUR PRICE **$29.95** ***SPECIAL!***

SPECIFICATIONS
- Gain: 15 dB. • Bandwidth: 50-500 MHz.
- Flatness ± 0.5 dB. • Noise Figure: 5 dB.
- Impedance: 75 ohm input, 75 ohm output.
- Max. Input: 28 dB mV (54 channel), 42 dBmV (7 channel).
- Power Supply: 117VAC 60 Hz.
- Dimensions: 4-3/4"H x 3-1/4"W x 1-1/2"D.

BP 75 OHM VHF/FM DISTRIBUTION AMPLIFIER

MODEL DA-447
OUR PRICE **$29.95** ***SPECIAL!***

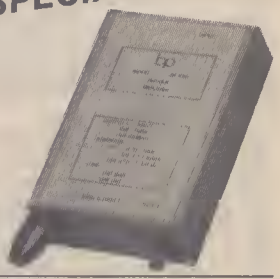
DESCRIPTION
This high input, high output 75 ohm distribution amplifier was designed for home systems or as a post amplifier following other equipment to obtain higher output levels. It is an excellent choice for commercial systems in garden apartments and townhouses. Easily connects antenna to input, TV to output.

SPECIFICATIONS
Output Capability: VHF 41 dBmV. **Bandpass:** 50-300 mHz. **Gain:** 11 dB. **Power Source:** 117 VAC 60 Hz 2.3 watts. **Dimensions:** 5-1/4"L x 3-1/4"W x 1-1/4"D.

BP 75 OHM MINI-AMP VHF/UHF DISTRIBUTION AMPLIFIER

SPECIAL!

MODEL DA-448 OUR PRICE **$29.95**



DESCRIPTION
This is a high input, high output 75 ohm distribution amplifier designed for home systems or as a post amplifier following other equipment to obtain higher output levels.
This is a good choice for commerical systems in garden apartments or townhouses. Connects easily to antenna input TV to output.

SPECIFICATIONS
Output Capability: VHF 47dBmV, UHF 48dBmV. **Gain:** VHF 16dB, UHF 9dB. **Bandpass:** VHF 54 to 88 MHZ , 108 to 300MHz, UHF 470 to 890MHz. **Power Source:** 117 VAC 60Hz 3.5 watts. **Dimensions:** 5-1/4"L x 3-1/4"W x 1-1/4"D.

BP UHF BOOSTER/DISTRIBUTION AMPLIFIER

MODEL DA-442
OUR PRICE **$29.95** ***SPECIAL!***

SPECIFICATIONS
- 1 Input, 2 Outputs.
- Gain: 15 dB per output total 30 dB.
- Impedance: 75 ohm input.
- Bandwidth 470 — 890 MHz.
- Noise Figure: 6 dB.
- Power Supply: 117VAC 60 Hz.
- Dimensions: 5-1/4"H x 3-1/4"W x 1-1/2"D.

BLONDER TONGUE GALAXY PREAMPLIFIERS

ALL CHANNEL • UHF/VHF/FM • MAST MOUNTED

A complete NEW LOOK line of superior perfomance rated, mast mounted pre amplifiers for any home installation requirement. Galaxy units feature modern design; high-impact polypropylene case; simplified mounting and all-channel range (thru ch. 83 on UHF). A compact indoor power supply is included with all models.

FEATURES
- Lowest UHF noise figure on any preamp available plus lower VHF noise figure. (4.5 dB)
- Three way split-band amplifier sections (VHF 2-6, 7-13 and UHF) to eliminate low band signal interference with high band and to optimize dynamic range.
- Each Galaxy is protected from lightning and power line surges.
- Gain: VHF 15 dB, UHF, 20 dB

MODEL 5120 15-20 dB Gain OUR PRICE **$59.95**
All channel amplifier. Accepts single 300-ohm UHF/VHF input. Single output.

MODEL 5123 15-20 dB Gain OUR PRICE **$59.95**
Ultra high performance all-channel amplifier for lightning prone areas. Single UHF/VHF antenna input. 75-ohm output.

ANTENNA ACCESSORIES

BP CATV SPLITTER
MODEL CA-2111

OUR PRICE **$1.50** each 10 FOR **$10.00**

- Bandwidth: 5-400 mHz. • Splitter Loss (max.): 3.5 dB.
- Isolation Port to Port (min.): 30 dB. • Number of Ouputs: 2.
- Return Loss (match): 20 dB. • Impedance (ohms): 75. • Power Pass: No.

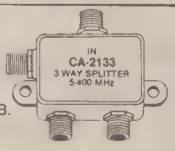
BP CATV SPLITTER
MODEL CA-2122

OUR PRICE **$1.95** each 10 FOR **$15.00**

- Bandwidth: 5-400 mHz. • Splitter Loss (max.): 3.5 dB.
- Isolation Port to Port (min.): 30 dB. • Return Loss (match): 20 dB.
- Impedance (ohms): 75. • Number of Outputs: 2. • Power Pass: No.

BP CATV SPLITTER
MODEL CA-2133

OUR PRICE **$2.25** each 10 FOR **$18.00**



- Bandwidth: 5-400 mHz. • Splitter Loss (max.): 1 Port 3.5 dB; 2 Port 7.0 dB.
- Isolation Port to Port (min.): 25 dB. • Return Loss (match): 20 dB.
- Impedance (ohms): 75. • Number of Outputs: 3. • Power Pass: No.

BP CATV SPLITTER
MODEL CA-2144

OUR PRICE **$2.95** each 10 FOR **$25.00**

- Bandwidth: 5-400 mHz. • Splitter Loss (max.): 7.0 dB.
- Isolation Port to Port (min.): 25 dB. • Return Loss (match): 20 dB.
- Impedance (ohms): 75. • Number of Outputs: 4. • Power Pass: No.

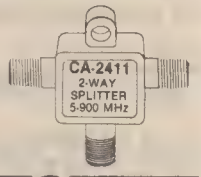
BP CATV SPLITTER
MODEL CA-2188

OUR PRICE **$4.95** each 5 FOR **$20.00**

- Bandwidth: 5-400 mHz. • Splitter Loss (max.): 10.5 dB.
- Isolation Port to Port (min.): 25 dB. • Return Loss (match): 20 dB.
- Impedance (ohms): 75. • Number of Outputs: 8. • Power Pass: No.

BP MATV HYBRID SPLITTER
MODEL CA-2411

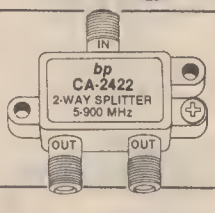
OUR PRICE **$1.50** each 10 FOR **$10.00**



- Bandwidth: 5-900 mHz. • Power Pass: Yes.
- Splitter Loss (max.): VHF—3.5 dB; UHF—4.0 dB.
- Isolation Port to Port (min.): VHF—25 dB; UHF—20 dB.
- Return Loss (match): VHF—20 dB; UHF—16 dB.
- Impedance (ohms): 75. • Number of Outputs: 2.

BP MATV HYBRID SPLITTER
MODEL CA-2422

OUR PRICE **$1.95** each 10 FOR **$15.00**

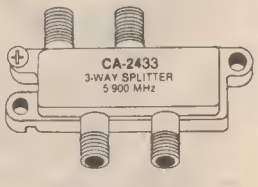


- Bandwidth: 5-900 mHz. • Power Pass: Yes.
- Splitter Loss (max.): VHF—3.5 dB; UHF—4.0 dB.
- Isolation Port to Port (min.): VHF—25 dB; UHF—20 dB.
- Return Loss (match): VHF—20 dB; UHF—16 dB.
- Impedance (ohms): 75. • Number of Outputs: 2.

BP MATV HYBRID SPLITTER
MODEL CA-2433

OUR PRICE **$2.25** each

10 FOR **$18.00**

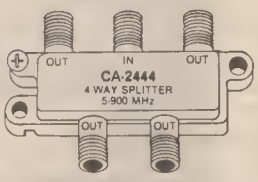


- Bandwidth: 5-900 mHz. • Power Pass: Yes.
- Splitter Loss (max.): VHF—3.5 dB; UHF—4.0 dB.
- Isolation Port to Port (min.): VHF—25 dB; UHF—20 dB.
- Return Loss (match): VHF—20 dB; UHF—18 dB.
- Impedance (ohms): 75. •Number of Outputs: 3.

BP MATV HYBRID SPLITTER
MODEL CA-2444

OUR PRICE **$2.95** each

10 FOR **$25.00**



- Bandwidth: 5-900 mHz. • Power Pass: Yes.
- Splitter Loss (max.): VHF—7.0 dB; UHF—8.0 dB.
- Impedance (ohms): 75. • Number of Outputs: 4.
- Isolation Port to Port (min.): VHF—25 dB; UHF—20 dB.
- Return Loss (match): VHF—20 dB; UHF—16 dB.

BLONDER-TONGUE UHF/VHF DISTRIBUTION AMPLIFIER
MODEL MUVB-45

OUR PRICE **$419.95**

A channel expander amplifier; engineered for adding local origination UHF channels to buildings fed with a CATV drop.
Switchable antenna inputs permit selection of: 1) A combined UHF/VHF input. 2) Individual UHF and VHF inputs, or 3) Individual UHF, low band VHF, and high band VHF inputs. Has individual high band VHF, low band VHF, and UHF gain controls and a switchable FM band stop filter. Has full UHF range to 890 mHz and fits standard 19-inch rack.

SPECIFICATIONS
Output Capability (dBmV): VHF and flat = 53.8; 6 dB block tilt = 56; UHF = 51.5. **Gain (typ.) Adjust. from (dB):** LB/FM = 28-46; HB = 27-45; UHF = 27-45.

VHF DISTRIBUTION AMPLIFIER
MODEL MVB-45 OUR PRICE **$239.90**

"The Workhorse" for medium to large size MATV systems.
The successor to the CVB-45A, the all-time broadband MATV industry wide best seller. Features switchable, combined or split inputs for use with either a single antenna (low band, FM, high band) or for separate low and high band antennas. Has individual high and low band gain controls and a switchable FM band stop filter. Fits standard 19-inch rack.

SPECIFICATIONS
Output Capability (dBmV): VHF and flat = 54; 6 dB block tilt = 56. **Gain (typ.) Adjust. from (dB):** LB/FM = 28-46, HB = 18-46.

BLONDER-TONGUE MUVF U/V MULTIPLEXER
MODEL 4548 OUR PRICE **$22.50**

- Mixes or separates VHF and UHF channels.
- VHF port passes DC and subchannels also. • Compact design.

DESCRIPTION
Mixes signals from separate VHF and UHF antennas or separates UHF and VHF channels on a common line for separate amplification.

SPECIFICATIONS
Isolation between UHF and VHF ports: UHF 36 dB; VHF 32 dB. **Bandpass:** VHF, DC to 216 mHz, UHF, 470 to 890 mHz. **Match:** VHF, 26 dB RL; UHF, 23 dB RL. **Impedance:** 75 ohm. VHF ports pass up to 1 amp or AC or DC current. **Connector:** Type-F (mating BTF-591 supplied). **Size:** 2" x 2-3/4" x 1"

BLONDER-TONGUE MLHF MULTIPLEXER
MODEL 4549 OUR PRICE **$22.50**

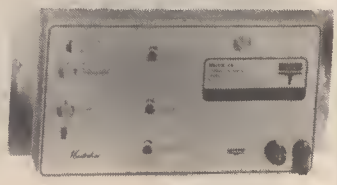
- Mixes or separates high and low band VHF channels.
- Low band port also passes DC subchannels. • Compact design.

DESCRIPTION
Ideal for mixing signals from high and low band antennas or separating high and low band channels for separate amplification.

SPECIFICATIONS
Bandpass: Low band DC to 108 mHz, high band 174 to 300 mHz. **Isolation between bands:** 30 dB. **Thru Loss:** Low band 0.1 dB; high band 0.2 dB. **Match:** Low band, 26 dB RL; high band 23 dB typical. **Connectors:** Type-F (mating BTF-591 supplied). Low band port passes up to 1 amp of AC or DC power. **Impedance:** 75 ohms. **Size:** 2" x 2-3/4" x 1-1/4"

BLONDER-TONGUE UHF/VHF DISTRIBUTION AMPLIFIER
MODEL MUVB-35

OUR PRICE **$189.95**

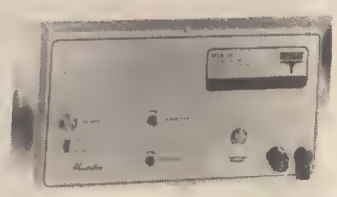


DESCRIPTION
For apartment buildings, condominiums, cluster housing or other medium size MATV installations that are specified for UHF on-channel distribution in addition to regular VHF. Split band construction with individual high band VHF, low band VHF and UHF gain controls permit band balancing on longer cable runs. Switchable FM band stop filter to eliminate strong local FM interference. Full UHF range to 890 mHz—ideal translator reception.

SPECIFICATIONS
Output Capability (dBmV): LB&HB = 49; UHF = 49. **Gain (typ.) Adjust. from (dB):** LB/FM = 23-35; HB = 22-34; UHF = 18.

BLONDER-TONGUE VHFDISTRIBUTION AMPLIFIER
MODEL MVB-35

OUR PRICE **$119.95**



DESCRIPTION
For apartment buildings, condominiums, cluster housing or other medium size MATV installations. Split band construction with separate high and low band gain controls permits band balancing on longer cable runs. Switchable FM band stop filter to eliminate strong local FM interference.

SPECIFICATIONS
Output Capability (dBmV): VHF and flat = 49; 6 dB block tilt = 51.5. **Gain (typ.) Adjust. from (dB):** VHF = 23-35.

BLONDER-TONGUE MDX-75F GENERAL PURPOSE MULTIPLEXER
MODEL 4659 OUR PRICE **$22.50**

FEATURES
- Multi-purpose multiplexer.
- Mixes or separates DC to 10 mHz and 54-890 mHz signals.
- Passes 3 amps of AC or DC current.

DESCRIPTION
The MXD-75F may be used to power a headend in a remote location, or originate AM audio programming in a TV distribution system or to mix high quality video signals in a TV distribution system.

SPECIFICATIONS
Bandpass: DC to 10 mHz and 54-890 mHz. **Isolation:** At 50 mHz 42 dB. **Thru Loss:** 54-216 mHz and 470-890 mHz, 0.2 dB; 10 mHz, 0.75 dB. **Connections:** Two type-F, one 75-ohm dual-screw terminal (for video & power). Passes 3 amp, AC or DC. **Size:** 1-7/16" x 2" x 2-3/4"

BLONDER-TONGUE CATV INDOOR DISTRIBUTION AMPLIFIERS

MODEL DA-21S

OUR PRICE

$82.50

- Ideal CATV distribution amplifier in small apartment buildings.

DESCRIPTION

The latest in CATV distribution amplifiers. 50-300 mHz response. Includes many features found only in higher priced units.

SPECIFICATIONS

Band Pass (MHz): 50-300. **Band Pass Flatness:** ± 0.5 dB. **Gain (Typical) Adjustable From:** 23 dB fixed.

WIDEBAND AMPLIFIER

MODEL DA-33

OUR PRICE

$419.95

- Ultra-wide bandwidth 0.5 mHz-300 mHz.
- Push-pull hybrid IC amplifier.
- Exceptionally high output.

DESCRIPTION

The DA-33 features extremely wide bandwidths; 0.5 mHz to 300 mHz, wide range continuous gain control end surge protected amplifier and power supply sections. It is ideal for increasing the output level of sweep generator or signal generator to test very lossey devices under test, such as long lengths of coaxial cables, coaxial relay isolation, etc. The DA-33 is also used as a preamplifier for CATV signal level meter (SLM) used to make FCC required signal leakage measurements. It may also be employed as a sub-channel return amplifier. In this case external multiplexers such as Blonder-Tongue MSVM are required to bypass VHF in the forward direction. The DA-33 is also used aboard ship where its coverage of the short wave and communications bands is desired.

SPECIFICATIONS

Band Pass (MHz): 50-300. **Band Pass Flatness:** ± 1.0 dB. **Gain (Typical) Adjustable From:** 18 dB to 36 dB.

WIDEBAND DISTRIBUTION AMPLIFER

MODEL ACA-30/300 OUR PRICE **$165.00**

- Flat response—50-300 mHz. • Slim line design - easy to install.
- 40 dBmV output per channel for 21 channels.
- Front panel gain and slope controls.

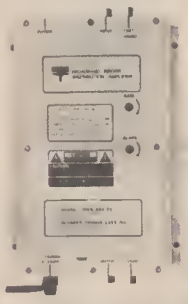
DESCRIPTION

Designed specifically for apartment building and other multiset installations served by CATV. Features flat response from 50 to 300 mHz for distribution of VHF, MID and SUPER band channels. Good output capability and wide gain and slope control ranges make it easy to adapt to any system. Front panel gain and slope controls.

SPECIFICATIONS

Band Pass (MHz): 50-300. **Band Pass Flatness:** ± 0.75 dB. **Gain (Typical) Adjustable From:** 17 dB to 32 dB.

BIDA BROADBAND INDOOR DISTRIBUTION AMPLIFIERS



MODEL 300-50 300 MHz

OUR PRICE **$419.95**

MODEL 450-40 450 MHz

OUR PRICE **$439.95**

- Hybrid IC circuitry for high output with low distortion.
- Field installable options for 2 way compatability (Passive or Active).

DESCRIPTION

Complete self-contained. Designed for CATV and SMATV systems using a cable drop as a signal source. Two models available, 300-50 (300 MHz) and 450-50 (450 MHz) bandpass. Modules available for two-way capability with either passive or active sub-channel return path.

SPECIFICATIONS

Forward Gain (1 way): +51 dB. **Flatness (1 way):** ±0.5 dB. **Gain Control Range (1 way):** 10 dB. **Noise Figure (1 way):** 6.0 dB.

CHANNEL MASTER BAND REJECTION FILTERS

OUR PRICE **$9.95** each

MODEL 7203 Sub-Band Filter MODEL 7204 FM Band Filter

MODEL 7205 Mid-Band Filter

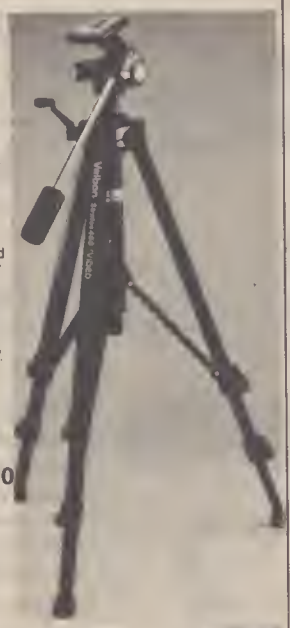
The Channel Master models 7203, 7204 and 7205 are 75 Ω Band Rejection Filters with typical attenuation of 15-35 dB. They are designed to attenuate signals in the sub, FM and Mid band frequencies while passing signal in the VHF/UHF TV band with minimum loss. These traps are designed for indoor surface mounting. Putting two traps in the same line for very strong interfering signals will provide attenuation of 25 to 50 dB.

VELBON VIDEO TRIPODS

MODEL VICTORY-460

OUR PRICE

$59.95



FEATURES

- "DPK" sealed leg design.
- 2-way spring counter balanced panhead.
- Friction adjustable geared center column.
- 3-section leg with quick lever locks and center leg braces for maximum stability.
- Steel ground spikes with retractable rubber feet.
- Matte black finish.
- Max. Op. Ht.: 59.30".
- Folded Length: 22.30".
- Weight: 3.80 lbs.

MODEL STRATOS-460

OUR PRICE

$79.95

FEATURES

- "DPK" sealed leg design.
- Friction adjustable geared center column.
- 3-section leg design with side lever locks and center leg braces for maximum stability.
- 2-way spring counter balance panhead.
- Max. Op. Ht.: 63.00". • Rubber feet.
- Folded Length: 25.60". • Weight: 5.20 lbs.

DELUXE UNIPOD

MODEL UP-5

OUR PRICE **$35.00** Holds Camcorder

DESCRIPTION

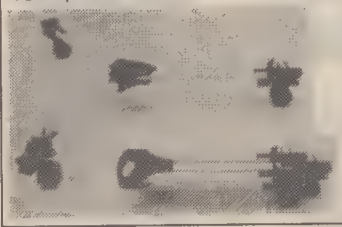
The UP-5 is a deluxe compact 5 section tubular unipod. Closed: 16-1/4". Extended: 60". Weight: 16 oz.

LIGHTWEIGHT DOLLY

MODEL DL-10

OUR PRICE **$69.95**

The DL-10 is Velbon's newly developed lightweight dolly with wide wheel design for easy movement over flooring. DL-10 for V and DV- Series photo and video tripods.



UNOMAT AC/DC MINI QUARTZ VIDEO LIGHT SYSTEM

MODEL LX-800LP

OUR PRICE **$59.95**

FEATURES

High-Tech Pro look.

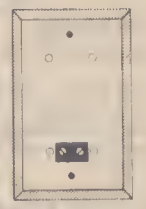
- Stay cool air-flow design.
- Powerful quartz halogen lamp.
- Detachable extender with shoe lock.
- Convenient 16 ft. AC cord.
- Ultra compact and lightweight: weighs only oz.
- Made in West Germany.
- AC/DC System includes: 150W AC lamp, 100W 12V DC lamp, AC/DC conversion plug adaptor.
- Angle of coverage: 44° approx.
- Color Temp.: 3,300°K.

BP MATCHING TRANSFORMER

MODEL MA-1020

OUR PRICE **$1.95** each

10 FOR **$17.50**



Flush-mounted VHF/UHF/FM tap-off. Single 300 ohm output with no strip piercing screws from 75 ohm thru line. Dual isolation 12/17 dB or 17/23 dB, lower isolation as supplied. Clip (2) wires for higher isolation. Supplied with mounting screws.

VHF/UHF MATCHING TRANSFORMER

MODEL MA-1070

OUR PRICE **$1.95** each 10 FOR **$17.50**

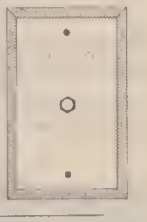
Flush-mounted VHF/UHF/FM matching. Excellent match. AC/DC blocking. Use no strip piercing screws. Mounting screws included.

MATCHING TRANSFORMER

MODEL MA-1030

OUR PRICE **$1.95** each

10 FOR **$17.50**



Flush-mounted VHF/UHF/FM tap-off. Single 75 ohm output from 75 ohm thru line. Dual isolations 12/17 dB or 17/23 dB. Lower isolation as supplied. Clip (1) wire for higher isolation. Supplied with mounting screws.

TV/FM WALLPLATE AND PLUG

MODEL MA-1040

OUR PRICE **99¢** each

5 FOR **$4.50**

Single output, matches standard 300 ohm twin lead. Fits standard outlet box or can be mounted with brackets supplied. Individually packed with hardware and instructions. Ivory color.

TWIN OUTPUT WALLPLATE

MODEL MA-1050

OUR PRICE **$1.25** each

5 FOR **$5.00**

Complete with two polarized plugs for 300 ohm twin lead. Fits standard outlet box, or can be well-mounted with brackets supplied. Hardware and instructions included. Ivory color.

ANTENNA ROTATOR & TWIN LEAD OUTLET

MODEL MA-1060

OUR PRICE **$1.50** each

5 FOR **$6.00**

Has outlet for 5-wire rotator leads plus two twin lead TV/FM outputs. Complete with 5-prong plug, two 3-prong plugs and all mounting hardware. Fits standard outlet box, or can be well-mounted with brackets supplied.

UNOMAT COMPUTERIZED VIDEO LIGHT *AC ONLY*

COMPUTER CONTROLLED VARIABLE LIGHT OUTPUT UP TO 500W

MODEL LX-801-AUTO

OUR PRICE **$119.95**

FEATURES

Computer controls light output-varies with distance to subject.

- Computer may be switched off for full 500W light output.
- Whisper quiet turbo cooling fan.
- 500W quartz halogen lamp.
- Compete with 5600K dichroic daylight filter converts yellow 3200°K to 5600°K daylight.
- Click stop bounce 90°.
- Built-in shoe mounts directly onto video camera.
- Lightweight —weighs only 1 lb. • High tech compact design.
- Built-in safety fuse. • Accepts barn doors.
- Hand grip included for off-camera lighting.

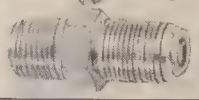
CONNECTORS

BP PLUG
MODEL SP-275
OUR PRICE 10 FOR **$5.00** 100 FOR **$40.00**
DESCRIPTION
Standard Motorola type plug use for euto antenne and master TV antenna systems.

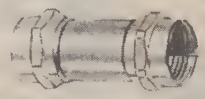
BP MALE CABLE CONNECTOR
MODEL SP-276 (F 59)
OUR PRICE 10 FOR **$2.00** 100 FOR **$15.00**
For use with RG-59/U type cable. Mates with F-61A, F-81B, A-61. 75 ohm use. Use crimping tool CR-596 or CR-595A. 1051 ferrule supplied.

BP MALE CABLE CONNECTOR
MODEL SP-277 (F 59A)
OUR PRICE 10 FOR **$2.00** 100 FOR **$15.00**
Similar to type F-59 except unit has a built-on ferrule.

BP UNIVERSAL FEMALE "F" TO "F" COUPLING
MODEL SP-278 (F 81C)
OUR PRICE 10 FOR **$4.90** 100 FOR **$39.00**
Universal center clutch will adapt to all sizes of cable, RG-59 through RG-11. Accepts F-56 or F-56A, F-59 or F-59A, SF-59 or SF-56.



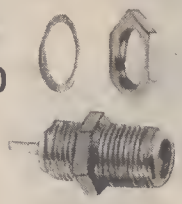
BP UNIVERSAL MALE "F" TO "F" COUPLING
MODEL SP-279 (F 71B)
OUR PRICE **$1.50** each
10 FOR **$12.00**
Mates with F-61A or F-81C. Single pack.



BP MALE CABLE CONNECTOR
MODEL SP-280 (F 56A)
OUR PRICE 10 FOR **$2.50** 100 FOR **$20.00**
Similar to type F-56 except unit has a built-on ferrule. Built-on CAC size ferrule.

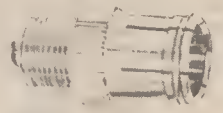
BP ADAPTOR
MODEL SP-281 (BNC-F)
OUR PRICE **$3.50** each 10 FOR **$25.00**
For use where units such as test equipment must be connected to "F" fittings. Single pack.

BP UNIVERSAL "F" CHASSIS CONNECTOR
MODEL SP-282 (F-61A)
OUR PRICE 10 FOR **$3.50** 100 FOR **$28.00**
Accepts F-59, F-59A, F-56, F-56A, F-659, SF-56, SF-59, TR-75F and AF-101. Mounts in 3/8" diameter chassis hole. Uses clutch type collet. 75 ohm.



BP ALL CHANNEL TERMINATOR
MODEL SP-283 (TR 75F)
OUR PRICE 10 FOR **$2.50** 100 FOR **$22.00**
This precision 75 ohm terminator for F-61A or F-81 connectors should be used for VHF, UHF and all channel systems.
Frequency range: 54 to 216 and 470 to 890 mHz. Maximum VSWR: 1.06:1 (30 dB minimum return loss) for VHF range. 1.2:1 (25 dB minimum return loss) for UHF range.

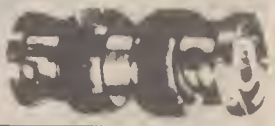
BP CONNECTOR PLUG
MODEL SP-284
OUR PRICE **$1.25** each 10 FOR **$10.00**
Push on F connector plug to F jack.



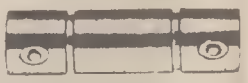
BP CABLE CONNECTOR
MODEL SP-285 (F 59-AH)
OUR PRICE 10 FOR **$2.50** 100 FOR **$22.00**
Similar to F 59 connector.

BP BNC MALE CONNECTOR
MODEL BC-2501
OUR PRICE **$1.95** each 10 FOR **$17.50**
• Blister package

BP DOUBLE MALE ADAPTOR
MODEL BC-2506
OUR PRICE **$3.25** each 10 FOR **$27.50**
• Blister package



BP DOUBLE FEMALE ADAPTOR
MODEL BC-2516
OUR PRICE **$2.95** each 10 FOR **$27.50**
• Blister package



BP BNC MALE TO UHF FEMALE ADAPTOR
MODEL BC-2520
OUR PRICE **$2.75** each 10 FOR **$25.00**
• Blister package

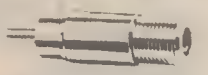
BP UHF MALE TO BNC FEMALE ADAPTOR
MODEL BC-2521
OUR PRICE **$2.25** each 10 FOR **$20.00**
• Blister package

BP T-CONNECTOR 2 FEMALE BNC 1 MALE BNC
MODEL BC-2522
OUR PRICE **$3.50** each 10 FOR **$25.00**
• Blister package

BP BNC PLUG TO BNC FEMALE RIGHT ANGLE ADAPTOR
MODEL BC-2523
OUR PRICE **$3.75** each 10 FOR **$32.50**
• Blister package

BP BNC TO F CONNECTOR
MODEL BC-2525
OUR PRICE **$3.50** each 10 FOR **$25.00**
• Blister package

BP RCA PLUG TO "F" JACK
MODEL BC-2727
OUR PRICE **$2.95** each 10 FOR **$25.00**



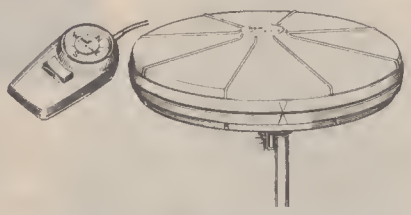
BP BNC PLUG TO RCA JACK
MODEL BNC-2529
OUR PRICE **$2.50** each 10 FOR **$20.00**

BP VIDEO ADAPTOR "F" PLUG TO RCA JACK
MODEL BC-2732
OUR PRICE **$2.95** each 10 FOR **$25.00**
• Blister peckege.

CALL US MONDAY THRU FRIDAY 8:00 AM to 6:30 PM • SATURDAY 9:00 AM to 3:00 PM E.S.T.

TDP MINI-STATE ANTENNAS
UHF & VHF 35 mile range antenna
MODEL 5MS-740

OUR PRICE $99.95
A revolutionary new TV antenna system for home or apartment.



AC/DC MINI-STATE ANTENNA UHF & VHF
MODEL 5MS-750

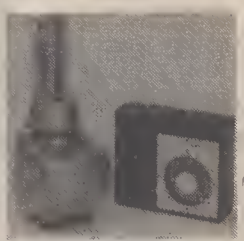
OUR PRICE $119.95
A revolutionary new Recreational antenna system for boat or camper.

DESCRIPTION
The New TDP Mini-State Antenna Systems are improved versions of the 5MS-440 and 5MS-550 Mini-State antennas. They have been engineered to bring in sharp, clear TV reception with a new VHF/UHF broadband amplifier. The new amplifier now amplifies the UHF band and has higher gain on VHF. These improvements have also greatly improved the signal to noise ratio of the antenna. The power supply for the new systems has been redesigned to allow easy hook up of additional outlets.

FEATURES for 5MS-740
- Ideal for home or apartment. • Compact (21" diameter and 7" high) and light (8 lbs.).
- Attaches to roof, chimney, window or balcony. • Full circle rotation for trouble-free operation.
- Can also be used indoors in attic or on closet shelf.
- Solid state circuitry for trouble-free operation.
- Everything weather protected in a rugged plastic radome.
- Hand held remote control has unique direction indicator light.
- Includes built-in rotating antenna, amplifier, power supply, remote control unit and hardware. Plus 60 feet lead in cable, housing, co-axial cable and rotator wire.

FEATURES for 5MS-750
- Recreational antenna that can be used for boat or camper. • Designed for outdoor use.
- Power: 120VAC, 12DC. • Enables you to operate from dockside, campsite or home.
- 30 Ft. cable. • All other features are the same as Model 5MS-740.

BP AUTOMATIC ANTENNA ROTOR
MODEL AR-200XL **OUR PRICE $49.95**



DESCRIPTION
Improve your TV and radio reception by rotating your antenna to the perfect spot. Just turn the dial and your antenna will automatically rotate until you decide on its best position for your channel reception. This economical system allows you to utilize your antenna to it full potential by positioning it each time to pick up your maxium signal strength.
This system consists of two major components, the control box and the rotator. The full mount rotator accommodates flat and wedge-type TV/FM antenna, with 192 lbs./in motor torque.

SPECIFICATIONS
Input Voltage: 117VAC, 60Hz, 68W. **Output:** 18VAC ±5%. **Rotation:** 360° +5°/-0° with mechanical stop. **Rotation Time:** 70 seconds 50Hz, 85 seconds 60Hz. **Rotation Torque: 220kg-cm (192 lb. in) minimum. Mast Size:** 28-44mm (1-1/8" - 1-3/4") dia. **Vertical Load:** 45kg (99 lbs.) maximum. **Cable:** 3 core. **Weight:** 4kg. (8.8 lbs.)

GEMINI ORBIT ANTENNA ROTOR
MODEL OR-360

OUR PRICE $59.95

FEATURES
- Automatic. No realignment or resynchronization ever required.
- Fast, simple installation.
- Rugged construction for longer life.
- Easy to operate.
- Accurate to within one degree. • More stations available. • Sharper pictures—better color.
- Reduces interference. • Stays on target in 70 MPH winds.

ANTENNACRAFT UHF/VHF/FM ANTENNAS
MODEL 5886

OUR PRICE $49.95
Boom length 120"
32 Electronic elements
Fringe area

5886

MODEL 5885

OUR PRICE $39.95
Boom length 90"
28 Electronic elements
Medium fringe area

5884

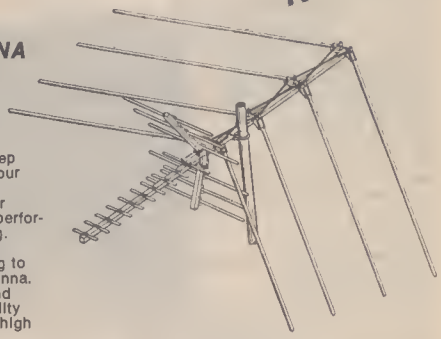
MODEL 5884

OUR PRICE $29.95
Boom length 58"
20 Electronic elements
Suburban area

5885

TDP PERMACOLOR™ PREMIERE
UHF/VHF/FM STEREO APPROVED ALL-CHANNEL ANTENNA

NEW!



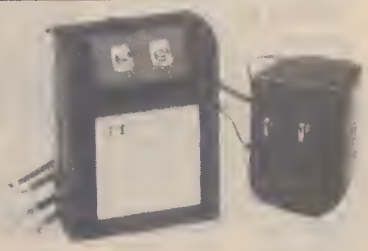
MODEL 4BG18

OUR PRICE $24.95

FEATURES
- No Assembley Required: Just snap out the elements and bolt it to your mast!
- 60° "Swept Element" Design: For ultimate reception and superior performance with less picture ghosting.
- Blue and Gold Polyester Finish: Resists corrosion and weathering to add years to the life of your antenna.
- Heavy Duty Steel Mast Clamp and Hardware: Zinc plated for durability and strong enough to withstand high winds and heavy ice loads.
- Range: 70 miles (dependent on terrain).
- UHF YAGI and Corner Reflector: Sharp-shooting UHF/VHF/FM combination delivers long-range reception on all channels with the picture quality today's TV demand.
- Snap-Out Elements: with matching high-impact insulators for easy assembly and long antenna life. Square boom for extra strength.

BP UHF/VHF/FM INDOOR ANTENNA AMPLIFIER
Improve Your TV and FM Stereo Performance
MODEL V-300

OUR PRICE $14.90



DESCRIPTION
This indoor antenna amplifier was designed to solve indoor reception problems. Its high gain UHF/VHF/FM amplifier boosts the performance of "rabbit ears" or UHF loop antennas. It greatly improves reception of indoor FM antennas.
This unit can be mounted directly to the back of the television by using the attached selfadhesive surface. A 4-1/2" section of twinlead with spade lugs is provided as a jumper between amplifier and TV terminals.

SPECIFICATIONS: • 300 ohm input and output. • Gain: 5 dB.

WIRING CABLES FOR *Antennas, Speakers, and Microphones*

Model	Cable and Wire	Description	Standard Pkg.	Our Price
RG-59U	Coax cable 59U	Solid, 22 gauge copperweld	500 ft. spool	$42.00
CF-500 CF-100 CF-50	300 Twin Lead Foam 20	7 strand, 20 gauge bare copper	500 ft. spool 100 ft. poly bag 50 ft. poly bag	$34.95 9.95 5.95
520 7/500 520 7/100 520 7/50	Rotor Cable 20-5/C	7 strand, 20 gauge bare copper, one outside conductoridentified for polarity	500 ft. spool 100 ft. poly bag 50 ft. poly bag	$49.50 14.95 7.95
420 7/500 420 7/100 420 7/50	Rotor Cable 20-4/C	7 strand, 20 gauge bare copper, one outside conductor identified for polarity	500 ft. spool 100 ft. poly bag 50 ft. poly bag	$39.95 9.95 6.95
2055/M 2055/100 2055/50	Twin Lead Royalty 100	20 strand, 21 gauge bare copper	1000 ft. spool 100 ft. poly bag 50 ft. poly bag	$45.00 9.95 4.95
1036/M 1036/100 1036/50	Speaker Wire JSW-24	7 strand, 24 gauge bare copper, one conductoridentified for polarity	1000 ft. spool 100 ft. spool 50 ft. spool	$24.00 3.95 2.50
18/SW1000 18/SW100 18/SW50	Speaker Wire JSW-18	16 strand, 18 gauge bare copper, one conductor identified for polarity	1000 ft. spool 100 ft. spool 50 ft. spool	$49.95 9.95 7.95
JPA-222/500 JPA-222/100 JPA-222/50	Microphone Cable	16 strand T.C. 22 AWG 2 conductor, T.C. braid .025 PVC. For use with low impedance microphones. Suggested working voltage is 1000 V.	500 ft. spool 100 ft. hank 50 ft. hank	$139.95 39.95 24.95
JPA-125/500 JPA-125/100 JPA-125/50	Microphone Cable	7 strand T.C. 25 AWG 1 conductor, T.C. braid .037 PVC. For use with low impedance microphones. Suggested working voltage is 1000 V.	500 ft. spool 100 ft. hank 50 ft. hank	$79.95 19.95 12.95

VIDEO EQUIPMENT & ACCESSORIES

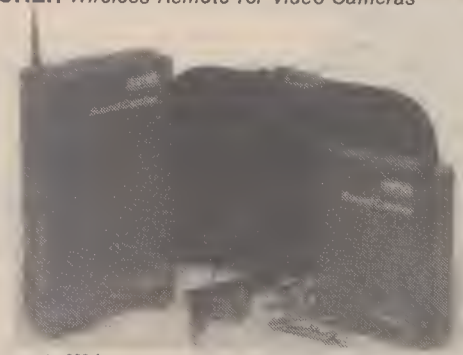
SIMA SOUND CATCHER *Wireless Remote for Video Cameras*

Catch the Sound Where the Action Is!

MODEL SVM

OUR PRICE

$79.95

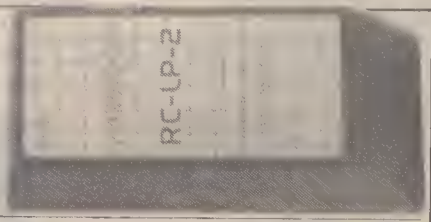


DESCRIPTION

SoundCatcher catches the sound where the action is and adds a new dimension to your home video productions. Clip the SoundCatcher microphone to the subject being taped and pick up the sound at the source, not just at the camera. The lightweight receiver attaches easily to any video camera or camcorder and records without wires—up to 200 feet away—giving a realistic, professional touch to birthdays, sports events, weddings, lectures.

HARWOOD RECHARGEABLE NICKEL CADMIUM POWER PACK

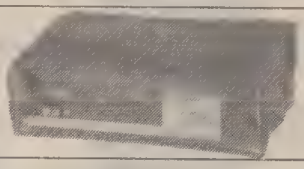
Designed To Interchange with Factory Slip In Battery Pack Lightweight & Powerful Recharges Up To 1000 Times



Model No.	Description	Our Price
SNY-8222	NiCad for 8mm camcorders for All Aiwa, Chinon, Sony, Kyocera, NEC, Samsung. Goldstar, Sanyo	$29.95
JV-LP-2	NiCad for C Camcorders for GE9710, 9712; JVC, Sharp C50UA, Sylvania VCC155, Toshiba SK57, SK60; Zenith VM6000, VM6100, VM6200, VM6150	$36.95
RC-LP-2	NiCad for Hitachi VM2000, VM2100, VM5000, VM7000; RCA CLR200, CMR200, CMR300; Minolta CR1100, CR1200	$52.50
PAN-LP2	Lead Acid battery for Canon, GE, Magnavox, Panasonic 5800, 5850, 8000, 8100, 8110, 8484, 8485, 8510, 8600, 9000, 9600, PV210, PV220, PV300; Philco, Quasar, Sears 5368, 5370, Sylvania	$36.95
OL-LP2	NiCad 7.2V on board replacement for Elmo ECR8, Olympus VX404	$34.95

BP PLASTIC COVER FOR VIDEO MACHINES

MODEL V-6601 **OUR PRICE $3.95**



FEATURES

- Fits almost all VCR's.
- With see thru front.

BP PLASTIC COVER FOR 2 PIECE PORTABLE VCR

MODEL V-6602

OUR PRICE $4.95

FEATURES

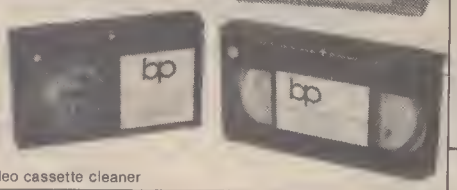
- Fits almost all two piece portable VCR's.
- See thru front.

BP BETA CLEANER

MODEL V-6671

OUR PRICE $9.95

Beta video cassette cleaner



VHS CLEANER

MODEL V-6672

OUR PRICE $9.95 VHS video cassette cleaner

BP VIDEO PLUG

MODEL V-5500 **OUR PRICE $9.95**

10 pin video plug.

BP VIDEO/AUDIO PAUSE CONTROL

MODEL V-5055 **OUR PRICE $7.95**

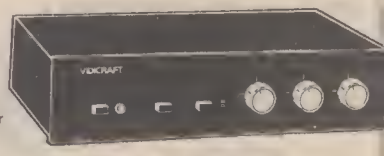
DESCRIPTION

Start-Stop Control at the push of a button. Provides smooth editing, dubbing, and recording. Permits you to eliminate unwanted commercials while video and audio taping. Can be used with most Video Cassette Recorders and Audio Recorders, Reel-to-Reel, Cassette, and 8-Track Cartridge Units. Has 12 ft. Cable to mate with Pause Control Jack of most recorders.

VIDICRAFT INTEGRATED VIDEO ENHANCER

MODEL IVE-200

OUR PRICE $179.95



- Auto-Stabilizer: controls picture roll and jittery, tearing, flashing video seen with some videotapes and television sets. The stabilizer also overcomes playback problems associated with copyguarded tapes.
- Image Enhancer: improves picture sharpness and detail using two separate controls.
- VNX: video noise reduction reduces possible side-effects of enhancement.
- RF Modulator: allows direct connection of the IVE 200 to a television set.
- Distribution Amplifier: sends video information to two devices without any signal loss.
- Stereo Audio: inputs and outputs for best sound.
- Quality Construction: includes an all-metal cabinet for durability and shielding from interference; industrial-grade, double-sided circuit board for high reliability, low noise, and improved performance; and anodized aluminum controls knobs.

VIDICRAFT THE PLAY-RIGHT · DIGITAL STABILIZER

MODEL PLAY-RIGHT

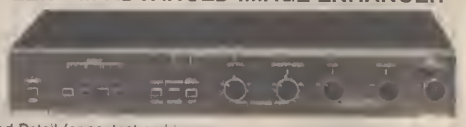
OUR PRICE $99.95

- Eliminate color flashing, loss of color, picture rolls, streaking and jittering during playback of copy-protected movies.
- Assures VCR/videotape compatibility.
- Improve camcorder playback through your VCR!
- Playback home video movies on family or friends' VCRs.
- **Waring:** This device is not to be used for the unauthorized duplication of copyrighted material, which is prohibited by Federal Copyright Law.

VIDICRAFT DETAILER® III ADVANCED IMAGE ENHANCER

MODEL DET-III

OUR PRICE $179.95



- 4-way Input switcher.
- Split screen comparison so you can see the difference.
- Two enhancement systems: Sharpness for image outline and Detail for contast and image.
- Power requirements: 115VAC, 50-60Hz, 4W, or 12V DC, .25A.
- Size: 15"W x 2-3/8"H x 8-1/8"D. • Weight: 5 lbs. 3 oz.

DESCRIPTION

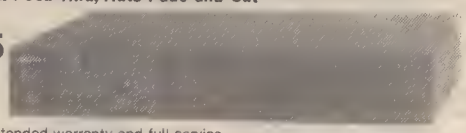
Vidicraft's new Detailer III Image Enhancer offers: Two enhancement systems, one for sharpness and one for detail to adjust problems only.
Two systems for enhancement noise (snow) reduction, one for dark areas of the picture, and one for the whole screen. Two systems for picture comparison allows either full-screen, before and after or side by side comparison.
America's finest consumer video image enhancer. Sharpen your home videos. Maximize picture detail. Split screen capability for side by side comparison. Connect up to 4 VCRs for multiple copying. May also improve projection TV performance.

VIDICRAFT SPECIAL EFFECTS GENERATOR

NOW HAS: Gen Lock, Sync. Feed Thru, Auto Fade and Cut

MODEL SEG-200

OUR PRICE $399.95



Vidicraft's advanced technology has created the most versatile Special Effects Generator for home video use. As with all Vidicraft products you get an extended warranty and full service.

FEATURES

- Finger-touch pattern menu for selection of effects.
- Automatic or manual control over all fades, wipes and cuts. Effect patterns can be retained on-screen for set-up prior to using the automatic mode.
- Fade/wipe to color backgrounds which are variable. Standard fade-to-black.
- Create "soft-edge" patterns and vary from a hard clean pattern edge to a soft, halo-like effect.
- Variable pattern shapes. Virtually an infinite variety of shapes and patterns are possible.
- Automatic transition time for fades and wipes is variable from one-half to as long as 5-sec.
- For the more technical user, video sources can be either synchronous or non synchronous...any video source can be used—VCR's and cameras.

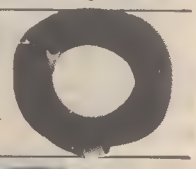
SPECIFICATIONS

VIDEO Color System: NTSC. **Input:** Connectors: RCA phono jacks. Level: 1V nominal, 0.4V to 1.4V p-p. Input Impedance: 75 ohms. **Output:** Connectors: RCA phono jacks. Gain: Unity ±1 dB (into 75 ohms). **Frequency Response:** ±1 dB to 4.2 mHz. **Distortion:** Diff Phase (10-90% APL): less than 2 degrees. Diff Gain: (10-90% APL): less than 5%. Tilt: less than 2%. Channel Isolation: greater than -55 dB @ 3.58 mHz. **AUDIO: Connectors:** RCA phono jacks. **Frequency Response:** 20-20kHz ± 1 dB. **Gain:** Unity. **Hum and Noise.** -60 dB max. **Crosstalk:** -60 dB max. **Output Level:** 4V p-p max. **GENERAL: Inputs:** 2 video, 2 pair stereo audio. **Outputs.** 1 Effects video, 1 Preview video, 1 pair stereo audio. **Power:** 115 Vac 50-60 Hz, 10.0 W. **Size:** 16.79"W x 2.97"H x 9.88"D. **Weight:** 8.44 lbs.

BP VIDEO EXTENSION CABLE

MODEL V-5525 25 Ft. **OUR PRICE $39.95**

MODEL V-5550 50 Ft. **OUR PRICE $59.95**



25 ft. or 50 ft.cable. The video extension cable allows an additional 25 or 50 feet of mobility. 10 pin male to 10 pin female. **Display package.**

BP VIDEO CAMERA EXTENSIONS

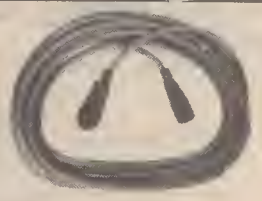
MODEL V-5625 25 Ft.

OUR PRICE $44.95

4 pin male to 14 pin female for Sony Betamax.

MODEL V-5650 50 Ft.

OUR PRICE $64.95



14 pin male to 14 pin female for Sony Betamax. **50 ft.**

FORDHAM RADIO • 260 MOTOR PARKWAY • HAUPPAUGE • NEW YORK 11788

HARWOOD PORTABLE VIDEO BATTERY/LIGHT SYSTEM

50 Watt DC Light and Battery Pack

MODEL V-170/100

OUR PRICE $89.95

FEATURES

Battery Pack
- Lead acid battery with built-in LED charging indicator and separate input for in/outdoor use.
- Compact and Lightweight 4.5 lbs.
- Housed in high impact ABS case with a comfortable shoulder strap.
- Fully recharges in 12-16 hours.
- Self-resetting 12 amp safety circuit breaker. • AC charger included.
- Power lasts approx. ½ hr. of continuous use.
- Universal "cigarette lighter" type plug to power any 12 volt DC appliance or device.

50 Watt "Firefly" DC Halogen Lamp
- Hand grip camera shoe mount.
- Lightweight. • Bounce lighting.
- Heat resistant glass, supervented for cool operation.
- Coiled cord and cigarette lighter type plug for use with any 12 volt DC power pack.

AC/DC CAMCORDER LIGHT UNIT

MODEL V-170/150L OUR PRICE $99.95

Comes with sealed lead acid battery pack outfit. 120 Volt 150 Watt Lamp. 12 Volt 50 Watt Lamp. All other specifications are the same as the V-170/100

HARWOOD "FIREFLY LIGHTWEIGHT"

MODEL V-100DC *DC ONLY!*

OUR PRICE $34.95

DESCRIPTION

State of the art design...easy portability...ideal for the new lightweight camcorders. This light unit is engineered to provide the "Fill-in" lighting needed to bring out desired details indoors or outdoors when available light is not quite adequate. The Hardwood reflector is specially designed for maximum lumen output, when used with the 100 watt DC halogen lamp.

FEATURES
- Hand grip shoe mount, and swivels from 0° to 90° for bounce lighting.
- Heat absorbing safety glass. • 100 watt 12 volt DC Halogen lamp.
- Coiled cord with cigarette lighter type plug for use with any 12V DC power pack.

MODEL V-150AC *AC ONLY!* **OUR PRICE $39.95**

120 volt "firefly lightweight" camcorder video light, 150 watt AC only.

MODEL V-150/100 *AC/DC MODEL* **OUR PRICE $45.00**

AC/DC Camcorder light unit; 150 watt AC quartz lamp 100 watt, 12 volt DC quartz lamp; and AC/DC adaptor plug.

HARWOOD QUARTZ VIDEO LIGHT *FAN COOLED*

FULL POWER 600 WATTS • HALF POWER 300 WATTS

MODEL VF-650 *AC ONLY!*

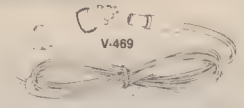
OUR PRICE $69.95

FEATURES
- Spot/Wide Beam Adjustment.
- Full Power 600 watts. Half power 300 watts. 120-volt - 600 watt DYH Lamp.
- Attached Barn Doors.
- Heat Resistant Protective Safety Glass Shield.
- Hand Grip. • Off the Camera Bracket.
- Shoe Mount. • AC only.
- Built-in Cooling Fan for Continuous Operation.
- Built-In Saftey Fuse Protection: The unit is protected from over heat by automatic cut-off circuitry.

BP PORTABLE VCR CIGARETTE LIGHTER ADAPTORS

MODEL V-469 OUR PRICE $2.95 6 Ft.

Cigarette lighter plug to coaxial connector 1.8 meter



MODEL V-470 OUR PRICE $2.95 8 Ft.

Cigarette lighter plug to 4 pin din plug 1.8 meters

DC power cables designed to provide an alternate power supply for your portable VCR when away from home. You no longer have to worry about power supply problems while " on location". Each model contains a cigarette lighter plug on one end for easy use in your car or boat and on the other end, contains a connector for use with a particular VCR. Instructions and specific cross reference information are included. Display package.

General usage is as follows:
V-469 - Fits most RCA, Panasonic, Magnavox, Quasar, Philco, Hitachi, and Sylvania portable VCR's.
V-470 - Fits most Sony, JVC, Akai, and commercial Panasonic portable VCR's.

COOL-LUX MICRO-LUX CAMCORDER LIGHT

FITS ALL CAMCORDER CAMERA SHOES

This Fixture is Especially Designed For ***CAMCORDERS*** *and All* ***LOW LUX*** *Cameras to Enhance the Electronic Sensors in the Camera thus Producing Sharper, More Detailed Pictures with* ***Brilliant Colors.***

MODEL C-4401 DC ONLY!

OUR PRICE $59.95

This wonder of micro fixture is capable of delivering high volumes of halogen treated luminescence, from a near point tungsten source, encapsulated in an all-quartz envelope, and delivered through its efficiently engineered, interchangeable reflector system. Ingenious access to lamp, reflector and other optical accessories (many available). Per sq. inch, probably the most powerful light in the universe. Designed by Cool-Lux. We are still the first and only video light NASA uses in space on the astronaut's camera.
Use with PP-40 or PP20-N battery packs

SPECIFICATIONS

Watt: 35. **Volts:** 12. **Size:** 3-1/4 x 1-3/4 x 1-3/4". **Weight:** 3 oz. **Material:** High Grad. Alu. **Finish:** 25 Microns Anodize (High Temp.)

Low Lux Camcorders Need Light: Disadvantages of shooting with a without a video light. (Even with 3 lux Cameras). • Grainy Images. • Reduced Depth-of-Field. • Reduced Image Contrast. • Poor Skin Tones.

Also Available: FULL SIZE AC/DC MINI-COOL PACK

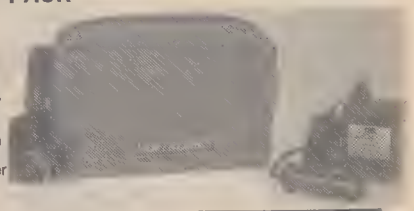
MODEL C-4460 OUR PRICE $119.95 *THE WORLD'S BEST PHOTOLIGHT!*

Includes: One MINI-COOL light. One 120V 250 watt lamp. One 12V 75 watt lamp. One DC 12V adaptor cord. One camera adaptor. One handle.

HOFTRONICS 6.5AH 12V LEAD ACID PANASONIC RECHARGEABLE BATTERY PACK

MODEL PP-30

OUR PRICE $55.00



FEATURES
- 6.5AH, 12V lead acid Panasonic battery.
- Up to 7.5 hours operation on a single charge.
- Foam padded all weather cordura nylon case.
- Adjustable/Removable strap for use over the shoulder or attached to belt.
- 110/220V charger.

HOFTRONICS 10 AMP BELT POWER PACK

RECHARGEABLE LEAD ACID BATTERY PACK

MODEL PP-40

OUR PRICE $69.95

FEATURES • **AC charger included.**
- 10 AH, 12v lead acid battery pack in foam-padded all-weather cushion cordura nylon case.
- Up to 10 hours operating time on a single charge. • Adjustable belt. • Weight: 8 lbs.

HOFTRONICS NICAD POWER PACK

RECHARGEABLE NICKLE CADMIUM BATTERY PACK

MODEL PP20-N OUR PRICE $96.95

- 4.4 AH, 12v nickel cadmium battery pack in foam-padded all-weather cushion cordura nylon case.
- Up to 6 hours operating time on a single charge.
- Long life span - can be charged and discharged up to 1500 times.
- **AC charger and Shoulder Strap included.** • Weight: 3 lbs.

VCR - POWER ADAPTOR CORDS: For connecting portable video recorder to any power supply, one end has standard cigarette type plug, other end custom fit for recorder.

MODEL		OUR PRICE
SDV-9101	1 Pin: RCA 150, 170; Hitachi 6500, 6800; Minolta, Pentax	$9.95
SDV-9104	4 Pin: Quazar 5410, MAG 8377, PANA 8410, 8000, 4000; Sylvania VC4515, Philco W1715, Sanyo 4800, GE 2020, Akai 7350, Sony 330, 340	$9.95
SDV-9107	8 Pin: JVC22004	$9.95
SDV-9111	13 Pin: Panasonic 5500, 6500; Nikon, GE, Quasar 5420, Magnavox 8383, Philco, Sylvania, Olympus	$9.95
SDV-9114	14 Pin: JVC26504	$9.95
SDV-9118	1 Pin: RCA 900, 950	$9.95
SDV-9119	Panasonic 8500 New Style with DC plug and similar, **Cords with "Dummy" batteries**	$12.95
SDV-9118	Panasonic 5800, 8110, 8484, 8500, 9600; Magnavox 8474, 75; Penny 3110, 15; Canon, Sylvania, GE, Olympus, and Similar	$12.95
SDV-9121	Panasonic AG-150 Camcorder, Quaser VM-10, Sanyo VRC-200, VRC-500; Panasonic PV-200, Olympus VM-402, and Similar	$24.95
SDS-8VA	Sony 8mm Video, Sanyo 8mm, Kyocera 8mm, Aiwa 8mm, Goldstar 8mm and similar	$39.95

VCR/CAMERA POWER SOURCE

MODEL VP-2002

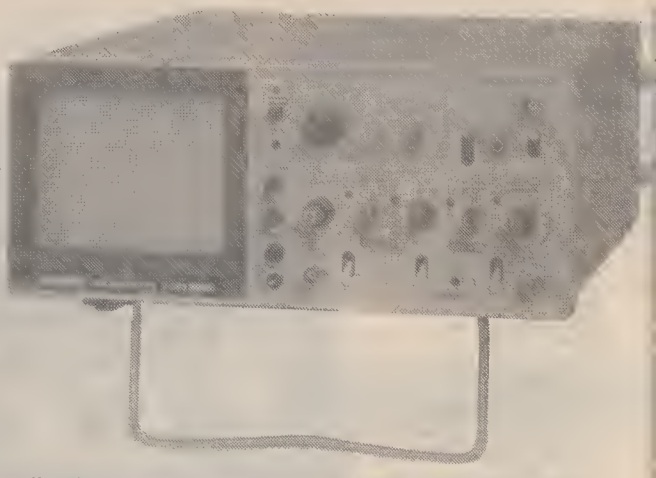
OUR PRICE $29.95

SPECIAL!

- A compact, lightweight power source for all portable VCR/camera combinations.
- Solid-State, fully regulated ultra clean power, with auto-reset over-voltage/short-circuit protection device.
- Designed specifically for use with VHS & Beta format portable video recorders.
- UL & CSA approved. • Push cigarette lighter type plug in and operate.

HITACHI 35 MHZ DUAL TRACE OSCILLOSCOPE

MODEL V-355 PROBES INCLUDED



REG. $899.95 OUR PRICE $599.95

DESCRIPTION

Hitachi's new scope provides an unbeateble combination of lightweight scope and high performance that's destined to set new standards in cost plus performence. Its thin, light, compact design features e large 6 inch rectangular, internal graticule CRT, with percent calibrations, autofocus, scale illuminetion and photographic bezel.

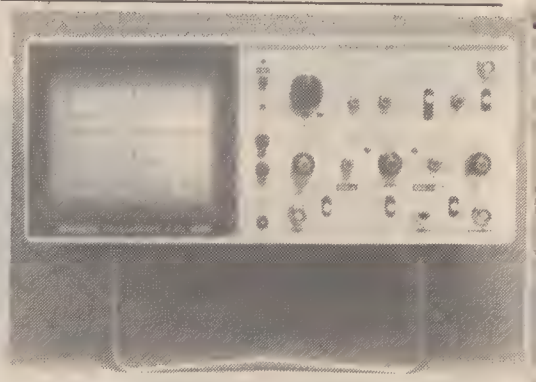
SPECIFICATIONS

Effective Area 8 x 10 div (1 div = 1 cm). **Acceleration Potential** 12kV. **Focus Adjustment automatic. External Intensity Modulation —Effective Bandwidth** DC to 2 MHz. **Input Impedance** 47 Ω (typ). **Max Input Voltage** 30V (DC + AC peak). **Voltage** 5V p-p or more. **VERTICAL DEFLECTION Sensitivity** 5 **mV/div to 5V/div** ± 3%, 10 celibrated steps, 1mV/div to 1 V/div ±5% (when using x5 emplifier) Uncalibrated continous control between steps 1: less than 2.5 (provided with lock positioning). **Uncal Lamp** Front panel lamp indicates the uncalibreted condition. **Frequency bandwidth** DC to 35 MHz, -3 dB (et 8 div) DC to 7 MHz, -3 dB (at 8 div) (when using x5 emplifier). **Risetime** 8.8 ns (50 ns for x5 magnificetion). **Signal delay line** Permits viewing leading edge of displayed waveform. **Maximum input voltage** 500Vp-p or 300Vp-p (DC + AC peak et 1 kHz) **Imput Coupling** AC, GND, DC (lever switch) **Input Impedance** Direct 1M Ω epproximately 30 pF **Operating modes** CH1, CH2, ALT, CHOP, ADD. **Polarity Switching** CH2 only. **X-Y Operation** CH1: X-axis, CH2: Y-axis. **Sensitivity** 5 mV/div to 5 V/div (when using x5 magnifer: 1 mV/div to 1V/div). **Phase Difference** DC to 50 kHz within 3°. **X axis bandwidth** DC to 500 kHz, -3 dB. **Dynamic range** 8 div or more **CH1 output** Provided to enable frequency measurement using an external frequency counter. **Output voltage** 20 mV/div or more. **Frequency bandwidth** 50 Hz to 5 MHz, 1 3 dB. **Output Impedance** Approx 50 Ω. **HORIZONTAL DEFLECTION Trigger modes** AUTO, NORM, TV-V, TV-H. **Trigger source** INT (CH1, CH2, V-MODE), LINE, EXT. **Trigger coupling** AC. **TV Sync internal** 1 div or more (vertical sync signal) **External** 1 VP-p or more (vertical sync signal). **Trigger Sensitivity Frequency** 20 Hz to 5 MHz, **Internal** 0.5 div, **External** 200 mV, **Trigger Sensitivity Frequency** 5 to 35 MHz, **Internal** 1.5, **External** 800 mV. **AUTO low bandwidth** 25 Hz **Trigger slope** ±. **External trigger input —Input Impedance** Approx, 1M, Approx. 30pF. **Maximum input voltage** 300 V (DC + AC peak at 1 kHZ). **Sweep time** 0.2 us/div to 0.2s/div ± 3%, 19 celibrated steps, Uncelibreted continous control between steps 1:less then 2.5 (provided with lock-positioning). **Uncal lamp** Front panel lamp indicates the uncelibrated condition. **Sweep time magnifier** 10 times (±5%). **Maximum sweep time** 20 ns/div. **CALIBRATOR Waveform** Approx. 1 kHz squareweve (duty cycle: 48:52 or more). **Voltage** 0.5 V±3%. **POWER REQUIREMENTS** AC 100/120/220/240± 10% connector selectable, 50/60 Hz Approx. 45W. **DIMENSIONS** 310(W) x 130(H) x 370(D) mm, Approx. 6.5 kg. **TEMPERATURE Limits of operation** 0 to +40° **Rated range of use** +10 to +35°C. **MTBF** 20,000 hours (target value). **Accessories** AT-10AK 1.5 probes (10:1 1:1). . .2, Power Cable. . .1, Instruction Manuel. Probes included.

HITACHI PORTABLE OSCILLOSCOPES

DC to 20 MHz, 1 mV/div, DUAL TRACE

MODEL V-212 PROBES INCLUDED



REG. $615.00 OUR PRICE $398.00

DESCRIPTION

Hitechi's new series of scopes provides en unbeatable combination of high performance and light weight, and are destined to set a new standerd in cost plus performance.

FEATURES

- Thin, light and compact design. • Large 6-inch rectangular, internal graticule CRT. • Probes Included.
- High accurecy—±3%. • High sensitivity—1 mV/div. • Stable, low-drift design.
- 8 divisions of displayed dynemic range and accurate, distortion-free waveform measurements.
- All models heve a speciel TV sync separation circuit enebles quick measurements of video signels.
- A convenient X-Y operation mode allows phase difference measurements between two waveforms.

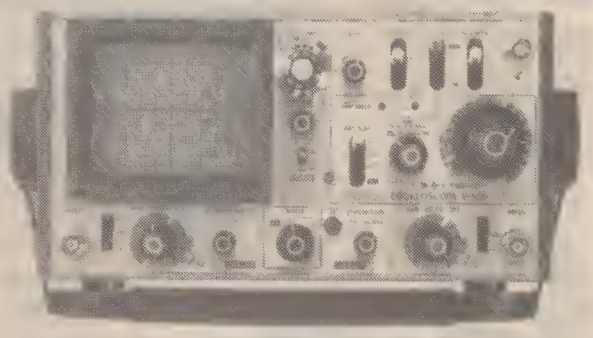
SPECIFICATIONS

VERTICAL DEFLECTION—Sensitivity: 5 mV/div to 5 V/div ±3%, 10 calibrated steps. 1 mV/div to 1 V/div ±5% (when using X5 emplifier). Uncalibreted continuous control between steps 1: less than 2.5 (provided with lock-positioning). **Frequency bandwidth:** DC to 20 mHz, —3 dB (et 8 div) DC to 7 mHz, —3 dB (at 8 div) (when using X5 emplifier). **Risetime:** 17.5 ns (50 ns for X5 magnification). **Maximum input voltage:** 500 Vp-p or 300 Vp-p (DC+AC peak at 1 kHz). **Input coupling:** AC, GND, DC (lever switch). **Input Impedence:** Direct: 1 MΩ, approx. 30 pF. **Operating modes:** CH1, CH2, ALT, CHOP, ADD. **Polarity switching:** CH2 only. **X-Y operation:** CH1. X-axis, CH2: Y-axis. **Sensitivity:** 5 mV/div to 5 V/div (when using X5 magnifier: 1 mV/div to 1 V/div). **Phase differences:** DC to 50 kHz within 3°. **X-axis bandwidth:** DC to 500 kHz, —3 dB. **Dynamic range:** 8 div or more. **CH1 output:** Provided to enable frequency measurement using an external frequency counter. **Output voltage:** 20 mV/div or more. **Frequency bandwidth:** 50 Hz to 5 mHz, —3 dB. **Output impedence:** Approx. 50 Ω. **HORIZONTAL DEFLECTION—Trigger modes:** AUTO, NORM, TV-V TV-H. **Trigger source:** INT (CH1, CH2, V-MODE), LINE, EXT. **Trigger coupling:** AC. **TV sync:** TV sync separation circuit. **Internal:** 1 div or more (vertical sync signal). **External:** 1 Vp-p or more (vertical sync signal). **Trigger sensitivity:** Frequency: 20 Hz to 2 mHz. Internal: 0.5 div. External: 200 mV. Frequency: 2 to 20 mHz. Internal: 1.5 div. External: 800 mV. **AUTO low bandwidth:** 25 Hz. **Trigger slope:** ±. **External trigger input:** Input Impedence: Approx. 1M, Approx. 30pF. Maximum input voltage: 300 V (DC+AC peak at 1 kHz). **Sweep time:** 0.2 us/div to 0.2s/div ±3%, 19 calibreted steps. Uncalibrated continuous control between steps 1:less than 2.5 (provided with lock-positioning). **Sweep time magnifier:** 10 times (±5%). **Maximum sweep time:** 100 ns/div. (20 ns/div end 50 ns/div are uncalibrated) **CALIBRATOR—Waveform:** Approx. 1 kHz squarewave (duty cycle: 48:52 or more). **Voltage:** 0.5 V ±3%. **POWER REQUIREMENTS:** AC 100/120/220/240 V ±10%, connector selectable, 50/60 Hz Approx. 45W. **DIMENSIONS (WxHxD):** 310 x 130 x 370mm. Approx. 6.0 kg.

HITACHI MINI-PORTABLE DUAL-TRACE OSCILLOSCOPE

DC-50 mHz with DELAYED SWEEP

MODEL V-509 REG. $1499.95 OUR PRICE $1249.95



DESCRIPTION

- 3.5" rectangular, high luminescent, high resolution CRT with internal graticule.
- 1 mV/div high sensitivity design. • Equipped with delayed sweep function. • Single sweep function.
- Employs TV sync separator circuitry with one touch synchronization of both TV horizontal and verticel signals.
- Autometic focus circuit eliminates loss of focusing. • Compact, lightweight for true portability.
- Variable hold-off circuitry fecilitates pulse measurement. • Probes included.
- Trace rotation system for easily adjusting trece inclinetion caused by terrestrial magnetism.
- X-Y operation convenient for measurement of phase difference between two signals.
- Three power supply type: AC, DC, and battery. • Signel output: CH1 output terminal to frequency counter, etc.

SPECIFICATIONS

VERTICAL DEFLECTION (2 Identical Channels): Bandwidth end Rise Time: DC to et least 50 mHz and rise time 7.0ns or less. DC to at least 10 mHz and rise time 35ns or less at magnifier extends. Lower -3dB point, AC coupling 10 Hz or less. 10X probe: 1 Hz or lese. **Deflection Factor:** 5mV/div to 5V/div in 10 calibrated steps, 1-2-5 sequence. Uncelibreted con tinuous control between steps 1:less than 2.5. X5 megnifier extends min. deflection rate to 1 mV/div. **Accuracy:** ±3% (+10 to +35°C) Additional error for magnifier ±2%. **Display Modes:** CH1, CH2 (normal or invert) Alternete, chopped (250 kHz rete), Added. **In put Impedance:** 1M Ω ±2% in parallel with 30 pF approx. **Maximum Input Voltage:** 250V (DC+peak AC). **Delay Line:** Permits viewing leeding edge of displeyed waveform. **CH1 Out:** CH1 out is DC to at least 10 mHz and 25 mV/div ±30% terminated into 50 Ω, and 50 mV/div ±30% terminated into 1 MΩ. **HORIZONTAL DEFLECTION: Time Base A:** 0.1us/div to 0.2s/div in 20 calibrated steps, 1-2-5 sequence. Uncalibrated continuous control between steps 1:less than 2.5. X10 mag. extends fastest sweep rate to 10ns/div. **Time Base B:** 0.1us/div to 2ms/div in 14 celibrated steps 1-2-5 sequence. X10 magnifier extends fastest sweep rete to 10ns/div. **Accuracy:** ±3% (+10 to +35°C). Additional error for magnifier ±2%. **Horizontal Display Modes:** A only, A intensified, B delayed. **Celibrated Sweep Delay:** Continuous calibrated control between 0.5 and 10 time base A setting. **Delay Time Jitter:** Bet ter than 1:20,000. **TRIGGERING A AND B-A Trigger Modes:** Autometic, Normel, Single sweep, TV-V, TV-H. **A Trigger Hold-off:** Adjustable control permits a steble presentation of repetitive complex waveform. **A Trigger Source:** Internel (CH1, CH2), Line, Externel, External÷10. **A Trigger Slope:** + or -. **A Trigger Sensitivity:** Internal-DC to 10 mHz: 0.5div. 10 to 50 mHz: 1.5div. External-DC to 10 mHz: 150mV. 10 to 50 mHz: 500mV. **A Trigger Coupling:** AC: 30 Hz to full bandwidth. HF Rej: 30 Hz to 10 kHz. DC: 0 to full bandwidth. **A External Trigger Input Impedance:** 1M Ω ±20% in parallel with 30 pF approx. **Maximum Input Voltage:** 250V (DC+peek AC). **B Trigger Modes and Source:** Automatic, Normel. **B Trigger Slope:** + or -. **Trigger Coupling:** AC only; 30 Hz to full band width. **X-Y OPERATION (CH1; Horiz, CH2; Vert): Deflection Factor:** Same as vertical deflection. **Accuracy:** Y: ±3% (+10 to +35°C). X: ±5% (+10 to +35°C). Additional error for CH1 and CH2 magnifier ±2%. **Bandwidth:** DC to at least 500 kHz. **Phase Error:** 3° or less from DC to 100 kHz. **POWER: Line Voltage:** 100V (90-130V). 200V (180-260V), 50/60/400 Hz. External DC: 11-14V, 1.5A. Bat tery operation: 2 hours continuous use use with the AD-509 (option). **Size: (WHD):** 8.5 x 4.3 x 13.8". **Weight:** 11 lbs. **Accessories Supplied:** Two AT-10AH1.5 probes (10:1, 1:1 switchable), fuse, power cable, front cover, operation manuel.

CALL US MONDAY THRU FRIDAY 8:00 AM to 6:30 PM • SATURDAY 9:00 AM to 3:00 PM E.S.T.

SCOPE 3-1/2 DIGIT LCD METER

MINI METER with MAXI SPEC's

MODEL DVM-630

REG. $50.00

OUR PRICE $29.95

SPECIAL!

FEATURES

- 0.5% accurecy. • DC Voltage.
- AC Voltaga. • DC Current.
- Resistance. • Dioda Tast. • Bettery Test.
- Bettery Life 300 houre.
- Tast Leede Included.
- Overload Protection: DC 500V, AC 350V, Ohms 250V DC/AC

SPECIFICATIONS

Display: 3-1/2 Digit LCD with a maximum reading of 1999. **Polarity:** Autometic, (-) negative polarity. **Over range Indication:** Highast digit ot (1) or (-1) Is displeyed. **Measuring rate:** 3 Meesuramants per second, nominel. **Zero adjustment:** Autometic. **Low Battery Indication:** The (LO BAT) is displeyed when the bettery voltege drops below tha opereting voltage. **Storage temperature:** -20°C to +60°C, 0-80% RH with battery ramoved. **Operating temperature:** 0°C to +50°C, 0-70% RH. **Power:** Singla, standard 9-V bettery (not Includad) (NEDA 1604, JtS 0069, IEC 6F22). **Battery Lifa:** High-power alkeline 300 hrs. Ordinery zinc-cerbon 150 hrs. **Stze:** 126mmL x 70mmW x 24mmH.

Deluxe zippered carrying case

Model CC-30 .....$4.50

DC VOLTAGE

Range	Resolution	Accuracy 1 Year 18° to 28°C
200mV	0.1mV	±0.5% of rdg ± 2d
2V	1mV	±0.5% of rdg ± 2d
20V	10mV	±0.5% of rdg ± 2d
200V	100mV	±0.5% of rdg ± 2d
1000V	1V	±0.5% of rdg ± 2d

RESISTANCE

Range	Resolution	Accuracy
200 Ω	0.1 Ω	±0.75% of rdg ±2d
2KΩ	1 Ω	±0.75% of rdg ±2d
20KΩ	10 Ω	±0.75% of rdg ±2d
200KΩ	100 Ω	±0.75% of rdg ±2d
2MΩ	1K Ω	±1% of rdg ±2d

BATTERY TEST

Range	Resolution	Approx. Load Current
1.5V	0.001V	1.5mA DC at 1.5V DC

DIODE

Resolution	Accuracy	Max. Test Current	Max. Open Circuit Volt.
1mV	±(2.% rdg + 5 dgt)	1.5ma	3.2V

DC CURRENT

Range	Resolution	Accuracy	Maximum Full Scale Voltage Drop
200μA	0.1μA	±0.75% of rdg ±2d	0.25V
2mA	1μA	±0.75% of rdg ±2d	0.25V
20mA	10μA	±0.75% of rdg ±2d	0.25V
200mA	100μA	±0.75% of rdg ±2d	0.25V
2A	1mA	±1.2% of rdg ±2d	0.25V

AC VOLTAGE

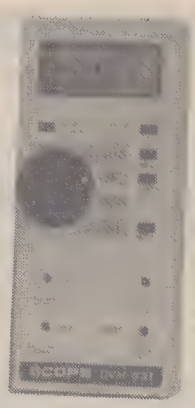
Range	Resolution	Accuracy	Frequency Range
200V	100mV	±1.2% of rdg ± 5d	45 Hz —450 Hz
750V	1mV	±1.2% of rdg ± 5d	45 Hz —450 Hz

SCOPE 3-1/2 DIGIT LCD METER

MODEL DVM-631

OUR PRICE $49.95

NEW! SPECIAL!



FEATURES

- 0.5% Accuracy. • Auto or Manual range selection
- DC Voltage. • AC Voltage.
- AC Current. • DC Current. • Resistance.

SPECIFICATIONS

DC Voltage ±(0.5% + 1dgt): Range: 200mV, 2V, 20V, 200V, 1000V; Resolution: 100μV, 1mV, 10mV, 100mV, 1V. **AC Voltage** ±(0.75% +5 dgt): Ranga: 2V, 20V,200V, 750; Resolution: 1mV, 10mV, 100mV, 1V. **DC Current:** Range: 200mA, Resolution: 100μA, (Accuracy ±0.75% +1dgt); Range: 10A, Resolution: 10mA (Accuracy ±1.5% +5dgt). **Input Impedance:** 10MΩ. **Overload Protection:** 1100VDC max. (60sec.) or AC peak max. **AC Current:** Range: 200mA, Resolution 100μA (Accuracy ±1% +5dgt); Range: 10A, Resolution: 10mA (Accuracy ±2% +7dgt). **Overload Protection:** mA Renge 400mA max. (60sec. Automatic current limiting egeinst component demege) A Ragna: 13A max. (40sec. unfused). **Realstance (Accuracy** ±0.75% +1dgt): Range: 200Ω, 2KΩ, 20KΩ, 200KΩ, 2000KΩ; Resolution: 0.1Ω, 1Ω, 10Ω, 100Ω, 1KΩ. **Low -Power** Ωs open circuit V: 450mV approx. (2KΩ, 20KΩ, 20KΩ, 200KΩ, 2000KΩ). **High —Power** Ωs open circuit V: 900mV, approx. (200Ω, 2KΩ, 20KΩ, 200KΩ, 2000KΩ) **Overload Protection:** 500VDC, or 350VAC RMS. **Display:** 3-1/2 digits, 1999 count display. **Range:** Auto or manual range selection. **Overrenge Indication:** "1" blinks. **Sampling:** 2 times/sec. **Low Battery Indication. Max. common mode voltage:** 500V. **Storage Temp.** -20°C to 60°C. **Operating Tamp.** 0°C to 50°C. **Size:** 148L x 66W x 23Hmm. **Wt.:** 180gr.

Optional Deluxe Carrying Case Model CA-92 .....$9.95

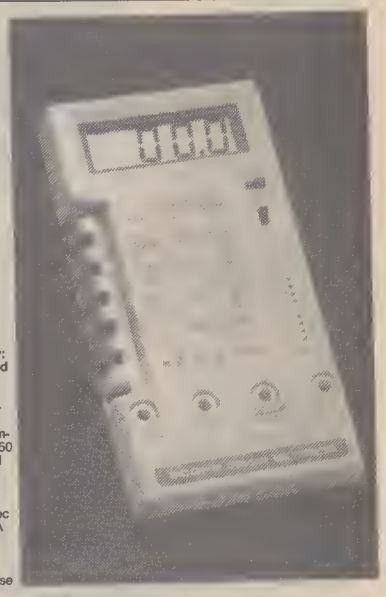
SCOPE 3½ DIGIT LCD METER wITH 8 FULL FUNCTIONS

MINI METER with MAXI SPEC's

MODEL DVM-632

REG. $60.00

OUR PRICE $44.95



FEATURES

- 0.5% Accurecy. • Transistor gain tast.
- Audible continuity checking and diode test.
- 10 Amp measurement. • Resistanca.
- DC voltage. • AC voltaga.
- DC current. • AC current.
- Deluxe test leeds. • Battery tife 300 hours.

SPECIFICATIONS

DC VOLTAGES: Ranges: 5(.2V to 1000V). **Accuracy:** .5% rdng +1 dgt. Input Impedance: 10MΩ. **Overload Protection:** 500 VDC, 350 VAC (15 sec. .2V renge), 1200 VDC, 800 VAC (all other ranges). **Resolution:** 100μV. **AC VOLTAGES: Ranges:** 5(.2V to 750V). **Accuracy:** (50 Hz to 500 Hz) .2V through 200V 1.0% rdng + 4 dgts., 750V 1.5% rdng +4 dgts. **Input Impedance:** 10MΩ. **Overload Protection:** 500 VDC, 350 VAC (15 sec. 200mV range), 1200 VDC, 800 VAc (all other ranges). **Resotution:** 100μV. **DC CURRENT: Ranges:** 4(2mA, 20mA, 200mA, 10A). **Accuracy:** 1.0% rdng +1 dgt, 2% rdng +3 dgt (10A only). **Overload Protection:** 0.8A/250V tuse, 20A for 30 sec untused (10A). **Voltage Burdan:** 325mV, 700mV (10A only). **Resolution** 1μA. **AC CURRENT RANGE: Renges:** 4(2mA, 20mA, 200mA, 10A). **Accuracy:** 1.2% rdng +4 dgts, 2% rdng +4 dgts (10A only), (50Hz to 500Hz). **Overload Protection:** .8A/250V fuse max, untused (10A only). **Voltage Burdan:** 325mV, 700mV (10A only). **Resolution:** 1μA. **RESISTANCE: Ranges:** 6(200 Ω to 20MΩ). **Accuracy:** 200 Ω—1.0% rdng +3 dgts, 2K Ω to 2MΩ—.8% rdng +1 dgt, 20MΩ—3% rdng +1 dgt. **Overload Protection:** 500V DC/AC. **INSTANT CONTINUITY: Response Time:** 100m sec. **DOIDE TEST: Nominat test current:** 1mA. **Open voltage:** 3.2V. **TRANSISTOR hFE: Base DC current:** 10μA. **Vce:** 3V. **Display:** 3-1/2 digit liquid crystal with maximum raeding ot 1999. **Overrenge Indication:** Highest digit of (1) or (-1) is displayed. **Low Battery:** "LO BAT" displeyed. **Measurament Rate:** 3 maasurements per second, nominal. **Operating Temperatura:** 0°C to +50°C, 0-70% relative humidity. **Storage Temperatura:** -20°C to +60°C, 0-80% RH with battery removed. **Power:** Single standerd 9-volt battery, NEDA 1604, JtS 006P, IEC 6F22. **Battery tife (typ.):** 300 hours. **Wt.:** 7 oz. **Size:** 5.4"L x 2.8"W x 1.3"H.

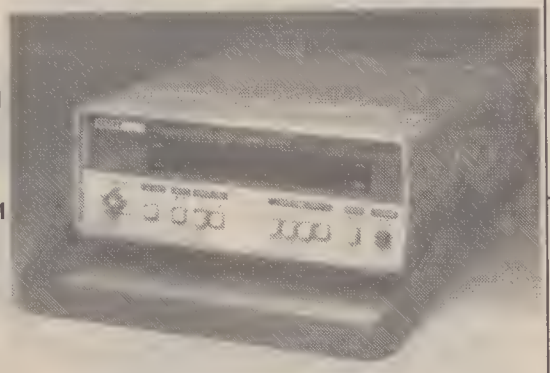
Deluxe zippered carrying case Model CC-30 .....$4.50

SCOPE FREQUENCY COUNTERS

MODEL FC-7011
100MHz
OUR PRICE
$149.95

MODEL FC-7051
550MHz
OUR PRICE
$199.95

EXTRA SPECIAL!



FEATURES

- 8 digit LED.
- Compact end Lightweight.
- High performence end reliablility.
- Autometic renge end Hold function. • High stebility in reference oscilletor.

SPECIFICATIONS

Model FC-7011: Display: 8 digit, LED. **FREQUENCY: Range:** 1Hz —100MHz. **Resolution:** 0.1, 1, 10, 100Hz. **Gate Time:** 10S, 1S, 100mS, 10mS. **Accuracy:** ±(1Hz +1dgt +Time Bese Error). **INPUT CHARACTERISTICS: Senaitivity (RMS):** 10Hz —60MHz: 10mV; 60MHz —100MHz: 20mV. **Input Im pedance:** 1MΩ/100pF. **Max. Input Voltage:** 150V RMS. **REFERENCE OSCILLATOR: Frequency:** 10MHz, crystal. **Stability:** 5PPM (0°C —50°C). **Aging:** 1PPM/1week. **Input vottage:** AC 115V, 230V, ±10%. **Stza:** 210W x 260L x 76H mm. **Wt.:** 1.8 kg.

Model FC-7051: Frequency Range: CH A: 1Hz —100MHz, CH B: 60MHz —550MHz. **Senaitivity RMS:** CH A: 10Hz -60Hz: 10mV, 60MHz —100MHz: 20mV; CH B: 60MHz —150MHz: 20mV, 150MHz —250MHz: 30mV, 250MHz —500MHz: 100mV, 500MHz —550MHz: 150mV. **Input Impedenca:** CH A: 1MΩ/100pF, CH B: 50Ω. **Max. Input:** CH A: 150V RMS, CH B: 5V RMS. ALL OTHER SPECIFICATIONS SAME AS THE FC-7011

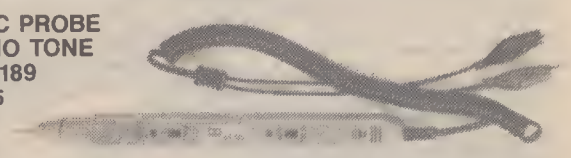
BP LOGIC PROBE with AUDIO TONE

MODEL LP-189

REG. $39.95

OUR PRICE

$24.95



DESCRIPTION

The LP-189 logic probe is e powerful troubleshooting tool, including e level detector, pulse detector, pulse memory, end eudio tone which depends on whet kind of logic signel inputs. It is compatible with TTL, DTL, RTL, HTL, CMOS, MOS. This compect probe is eesy to hendle in tight spacee. Three colored LED indicetore displey pulsa prasence and high-end low-logic stales. In the seme tima, en audio tone is eleo coupled with different trequency to remind user to distinguish the logic stetas aasily. It responds to pulses as nerrow as 30ns, or pulse treins over 17MHz. Competible with most logic tamilies, the LP-189 ie en indispensabla troubleshooting tool.

SPECIFICATIONS

MAX RATINGS: Max. ellowabla supply vottege ±20V; Max. Input voltege ±50V; Free Air opereting tempereture 0-50°C; Opereting aupply voltega range TTL-5V, CMOS 5-15V **Input Impedance** 1 MΩ **Min. detachable pulse width** 30ns **Max. Input frequency displayable** 17MHz **Logic thrasholds** TTL CMOS. LOGIC 1 (red LED lights) with beeper 2.3V±0.2V 70%Vcc, LOGIC 0 (green LED lights) with beeper 0.8V±0.2V 30%Vcc **Input overvoltage protection** ±220V DC/AC 15 sec. **Pulse LED (yellow) flashing time** 500ms **Power aupply protection** ±20V **Size** 205x18x16.5mm **Wgt:** 60 g

A.W. SPERRY 20 MHz DUAL TRACE OSCILLOSCOPE
MODEL 620C

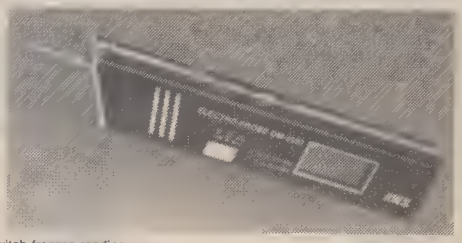
OUR PRICE $395.00

FEATURES
- Built-in Component Checker.
- Z-Axis Input. • Low Powar Consumption
- TV Video Sync Filter.
- High Sensitivity X-Y moda.
- Front Penel Traca Rotetor.

DESCRIPTION
The A.W. Sperry 620C is a dual trace 20 MHz oecilloscope featuras a built in component chackar. The component chackar emits a 60 Hz sine wave, voltaga and current limited, and ellows the resultant voltege and current to be displayed on the CRT. The voltage and current cen ba displeyed in either a time mode or X-Y moda. In the X-Y mode, the voilage (X) and current (Y) ot the component under test resull in a VI plot on the CRT. Tha user can quickly view VI charecteristics ot individual components es well es combinations of components to quickly and efficiently detect and isolate defective componants. This featura saves hours of troubleshooting time.

SPECIFICATIONS:
Vertical System CH. A and CH. B —Deflection Factor: 5mV/div-20v/div (±3%) 12 steps. **Frequency reeponse:** DC-20MHz (–3dB). **Risetime:** 17ns or lass. **Msx. Input voltage:** 300V (DC + AC peak). **Input Inpedance:** 1m ohm ±5% 20 pF ±3pF. **Invert:** CH.-B only. **Operetting modes:** CH.-A, CH.-B, Dual, ADD, X-Y. **Internal Horizontal System (Sweep Operetion) —Time base:** 0.2us/div-0.5s/div (±3%) 20 steps. **Magnification:** 5X. **Trigger System Sources:** INT, CH.B LINE. EXT. **Modee:** Norm, Auto. **Coupling:** AC, HF rej, TV. **Slope:** + or –. **Sensitivity:** INT: 1 div or belter, EXT: 1V p-p or better. **Z Axie Modulation Internal Calibrator —Output:** 0.5V p-p (±5%): 1KHz (±5%) square wave. **CRT Dieplay —Phoaper:** P31. **Graticule:** Internal 8x10 div (1 div = 10mm). **Acceleretng Potential:** 2KV **Component Teeter —Open Circuit Voltage:** 9Vrms. **Short Circuit Current:** 0.6-Arme **Power Requiremenla -Voltage:** 120Vrms 50/60HZ. **Size:** 182H x 294W x 352D mm. **Weight:** 15.4 lbs. epprox. **Comes with:** AC linecord model PC-1, Two test probes models TP-60, 2-year warranty, operating instructions

A.W. SPERRY ELECTRO-PROBE™ DIGITAL MULTIMETER
MODEL DM-6592



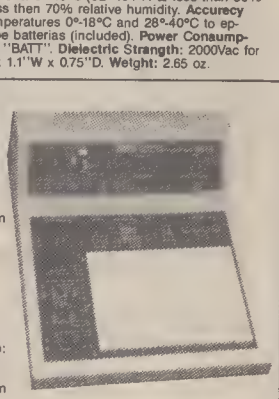
OUR PRICE $42.50

DESCRIPTION
The ELECTRO-PROBE is one of Iha smallest, convenient-to-use hand-held digitel multimatar.

FEATURES
- High accuracy. • Low cost.
- Ideal for herd-to-reech araas.
- Easy-to-read digital display.
- Instant continiully buzzer.
- Small size, lightwaight.
- One-hend operation. • Data-hold switch freezes readings.
- Autoranging end manual range selection. • Ovarload protection on all ranges.
- Comes complete with: test leed, detachable alligator clip, two batteries, carrying case, operating instructions and ona yeer warranty card.

SPECIFICATIONS
Display: 3.5 digil LCD, max. reading 1999 wilh automatic sign and function annunciators. **Renge Selection:** Autoranging and manual selection. **RANGES: DC Volta:** 200mV, 2V, 20V, 200V, 500V. **AC Volta:** 2V, 20V, 200V, 500V. **Rasistance:** 200ohm, 2Kohm, 20Kohm, 200Kohm, 2000Kohm, 20Mohm. **Overrange Indicetion:** MSD "1" blinks on and off. **Sempling Rate:** 2x per sec. **Opereting Environ ment:** 0°-40°C (32°-104°F, al less than 80% relative humidity. **Storage Environment:** -20°-60°C (-4°-140°F) at less then 70% relative humidity. **Accurecy Temperetura Coefficient:** Add ±(0.04% rdg ±0.3 dgt) per°C for temperatures 0°-18°C and 28°-40°C to epplicable accurecy specifications. **Power Supply:** Two 1.5V button-type batterias (included). **Power Consumption:** 4mW typical. **Battery Life:** 70 hours approx. **Bettery Indiator:** "BATT". **Dielectric Strength:** 2000Vac for ona minute (should not use on circuits above 500Vac). **Size:** 8.4"L x 1.1"W x 0.75"D. **Weight:** 2.65 oz.

A.W. SPERRY CLASSMATE DIGITAL BREADBOARD LAB
MODEL BL-4



REG. $369.95 OUR PRICE $279.00

DESCRIPTION
The AWS BL-4 Classmate Digital Breadboard Lab is a multi- function unil, incorporeling a breadboard, DC power supply (fixed and variable), signel generator (sine, triangle and squara wave outpul), digital voltmetar, 6-bit LED display, BCD to 7 segment decodar and display, tlip-flop gete end logic switches. It measures on 11" x 13", end needs only ona electrical outlet.

SPECIFICATIONS
SOLDERLESS BREADBOARD: Tie Points: 1680 interconnected, nickel-pleted tie points. **Specing:** Fits all DIP sizes. **Size:** Fits AWG #22-30 (0.3 to 0.8mm), Distribution strip: 100 tie points. Terminal strip: 640 tie points. DC **POWER SUPPLIES: Variable Supplies:** Output voltaga: 0 lo +15 Vdc and 0 to -15Vdc. Max. Output Current: 300mA (±15V). Line Regulation: less than 0.05%. Load Regulation: less than 30mV. **+5V Supply:** Output Voltage: 5V ± 0.25Vdc (no load to full load). Max. Output Current: 1A. Line Regulation: less than 50 mV. Load Regulation: less then 100mV. **–5V Supply:** Output Voltage: -5V ± 0.25Vdc (no load to tull loed). Mex. Output Current: 0.1A. Lina Regulation: less than 25mV. Load Regulation: lass then 30mV. **FUNCTION GENERATOR: Wavaforme:** Sine, triangel and square wave. **Frequency Rangee:** 1-10Hz, 10-100Hz, 100-1kHz, 1k-10kHz, 10k-100kHz. **Stne Wave Output:** 0 to 10V p-p (variable). **Triangle Wave Output:** 6V p-p (fixed). **Square Wave Output:** ±5V (fixed). **Accurecy:** ±3% **F.S. DIGITAL VOLTMETER (DVM): Ranges:** 0-200mV, 2V, 20V, 200V. **Input Impedance:** 10M ohms (all rangee). **Display:** 3½ digil LED displey. **ADAPTORS: Connecting Jecks (4):** Point tip lo banana jacks.

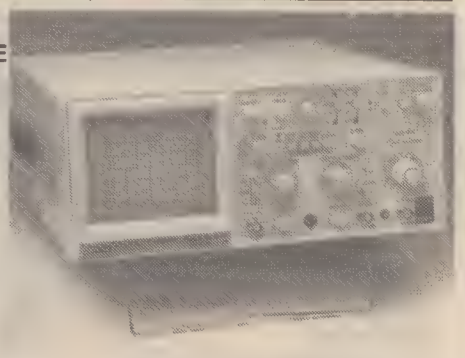
BP LOGIC PROBE
MODEL LP-188

OUR PRICE $18.95

SPECIFICATIONS
nput Impedance: 1 MΩ. **Minimum detectable pulse width:** 30 nS. **Maximum In put frequency displayable:** 15 MHz. **Logic threshold:** TTL: Logic 1 —2.3V ± 0.2V, CMOS: Logic 1 —70% Vcc. TTL: Logic 0 —0.8V ±0.2V, CMOS: Logic 0 —30% Vcc. **Input overvoltage protection:** ± 220V DC/AC/15 sec. **Pulse Led fisehing time:** 500 mS. **Power supply protection:** ±20V. **Opereitng sup ply voltage renge:** TTL (5V), CMOS (5 — 15V). **Maximum input voltage:** ±50V. **Free air opereting tempereture:** 0 — 50°C. **Dimensions:** 205mm x 18mm x 16.5mm. Flexible coiled cord, slim easy to handle styling

EXTRA SPECIAL!

B&K PRECISION 20MHz DUAL TRACE OSCILLOSCOPE
MODEL 2120



REG. $470.00
OUR PRICE
$399.95
- Dual or singla trece operation.
- 1 mV/div sensitivity.
- 20MHz response at a trua -3dB.
- AUTO/NORM triggered sweep operation with AC, TVH, TVV and Line coupling.
- Calibreted 18 stap timebase with X10 magnifiar.
- X-Y Oparetion.
- Selectable +/—slope.
- Buill-in calibration source.

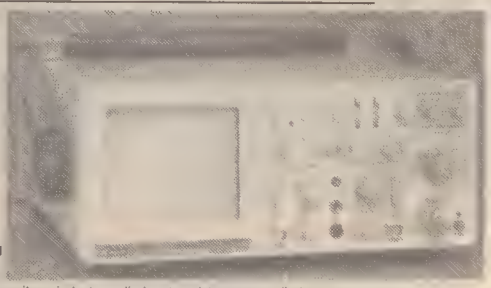
SPECIFICATIONS
VERTICAL AMPLIFIERS (CH1 end CH2) Sensitivi ty: 5mV/div to 5V/div in 1-2-5 sequence, 10 steps Vernier control provides fully adjustable gein bet wean steps and increases maximum sensitivity lo 1mV/div (el reduced bandwidth). **Accurecy:** ±3%. **Input Resistance:** 1MΩ ±2%. **Input Cspacitance:** 35pF 5pF. **Frequency Response:** 5mV to 5V/div (CAL): DC to 20mHz (-3dB). 1mV/div (uncalibrated): DC to 10mHz (-3dB). **Rise Time:** 17.5ns. **Opereting Modes:** CH 1: single trace. CH 2: single trece. ALT: dual Irace, alternating. CHOP: dual trace, chopped. ADD: algabreic sum of CH 1 + CH 2. **Polarity Reversal:** CH 1 only. **Mex. Input Voltage:** 400Vdc + ac peak. **Max. Un dlatorted Amptitude:** DC to 20 MHz: 4 divisions. DC to 10 MHz: 8 divisions. **Triggering Modes:** AUTO (tree run) or NORM. **Trigger Source:** CH 1 CH 2, ALT, EXT, LINE. **Msx. Externsl Trigger Voltage:** 200Vdc + ec peak. **Trigger Coupling:** AC: 30 Hz to 30 MHz. TV H Used to triggering trom horizontel sync pulses. TV V Used for trig gering from vertical sync pulses.

TRIGGER SENSITIVITY:

Coupling	Bsndwidth	Int	Ext
AC	30Hz —30MHz	.5 div	500mV
TV V	10Hz —1.5kHz	.5 div	500mV
TV H	3kHz —30MHz	.5 div	500mV

SWEEP SYSTEM Sweep Speed: 0.5 μs/div to 0.2s/div in 1-2-5 saquence, 18 staps. Vernier control provides tully adjustabla sweep time between steps. **Accuracy:** ±3%. **Sweep Magnification:** 10x, ±8%. **HORIZONTAL AMPLIFIER** (Input through chennel 2 input). **X-Y Mode:** Switch selec table using X-Y switch. CH 1: Y axis. CH 2: X axis. **Sensitivity:** Seme as vertical channel 2. **Ac curecy:** Y-Axis: ±3%. X-Axis: ±8%. **Input Im pedance:** Same as vertical chennel 2. **Frequency Response:** DC to 2 MHz typical (-3dB). **X-Y Phase Difference:** Approx. 3° at 50 kHz. **Max. Iput Voltage:** Same as vertical channel 2. **CRT Type:** Rectangular with internal graticule. **Display Area:** 8 x 10 div (1 div = 1 cm). **Accelerating Voltage:** 2 kV. **Phosphor:** P31. **Calibreting Voltage:** 1 kHz (±10%) Posilive Square Wave, 0.2 V p-p (±2%). CH 1 **Output:** on tront panal. **Output Voltage:** 50 mV/div (into 50 Ω loed). **Frequency Response:** 20Hz to 10mHz, -3dB, into 50Ω. 20Hz to 20MHz, -6dB, into 1 MΩ. **Trace Rotation:** Electrical, front panel adjusteble. **Power Requirement:** 115 V/230 V ±10%, 50/60 Hz, epprox. 35 W. **Size:** 12.6"W x 5.1"H x 14.2"D. **Weight:** 15 lbs. **Acceseorlea Supplied:** Two probes. Schematic diagram and perts list. AC power cord. Spare fuse.

20 MHz DUAL TRACE OSCILLOSCOPE / DELAYED SWEEP
MODEL 2125-BK



REG. $570.00
OUR PRICE
$479.95
- 5 x Gain Control extends sensitivily to 1 mV/div.
- Delayed sweep in 6 ranges and variable X1 to X10, 3 display modes.
- Built-in component testar tor capacitors, inductors, diodes, transistors, zener diodes.

SPECIFICATIONS (Same as 2120 Except for these listed below)
VERTICAL AMPLIFIERS (CH1 end CH2) Senaitivity: 5 mV/div to 5V/div in 1-2-5 sequenca, 10 steps. Vernier con trol provides tully adjustable gain bel ween steps. X5 Gain: Exlends sensitivity to 1mV/div. **Frequency Response:** 5mV to 5V/div (CAL): DC to 20 MHz (-3dB) 5X Gain: DC to 10MHz (-3dB). **Rise Time:** 5mV to 5V/div: 17.5ns. 5X Gain: 3.5 ns. **Delayed Sweep:** Ranges: 10ms, 1ms, 0.1ms, 10μs, 1μs, 0.1μs. **Variable:** X1 to X10. **Display Modes:** Normal, Delayed, Alternate. **Teat Voltage:** 8.8 VDC rms max (open circuit). **Test Current:** 20 mA max (short circuit). **Test Frequency:** Line frequency (50/60 Hz).

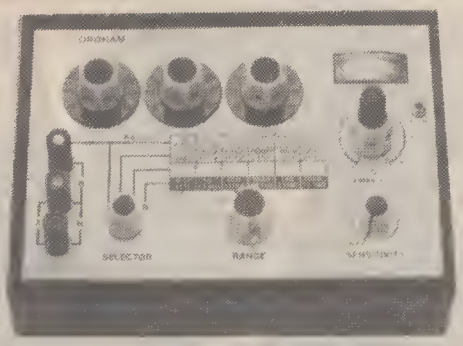
SCOPE DIGITAL TRAINER
MODEL DT-01

REG. $149.95
OUR PRICE $110.00

The object ot designing Digital Trainer is to provide the junior colleges, research organizations, training centers, tactories end amataur hobbists with the most convenient way of logic circuit training and design equipment. Schools and training centers can use the DT-01 as a taaching aid. It encompasses lhe tollowing items: Breadboerding, Digital Circuits, Flip- tlops and Monostable Multivibrators, Counters, Encoders, Decoders, Multiplexers, Demultiplexers and Sequancer, Registers, LED and 7 Segments LED Displays, Memory Devices, etc. The DT-01 can be connected to an oscilloscope, signal generator and any other apparatus lhrough two BNC jecks and two BANANA jacks. Most tests can ba parformed by the logic probe supplied. By using the breadboard and crib sheet the user cen insert any circuit onto tha breadboard to proceed with an experiment for testing without soldering. All the components can be used repeatedly. The DT-01 is not dependent on AC power, the battery holder contains 4 "AA" betteries.

SPECIFICATIONS
AC Adaptor Jack: I/P DC +12V, 800mA. **Power SW.:** AC Adaptor, 4 AA Cell batterias. **Pulse SW:** Two bounce-free pushbuttons. **Logic SW:** Eight logic level switches in DIP type. **DC O/P:** DC +5V, 750mA for user. **D-023 Breadboard:** Solderless breadboard with 1580 interconnacted tie points. **Clip Terminal:** Logic probe clip terminel. **Battery Holder:** 4 AA cell batterias. **LED Display:** Eight LED buffared logic level indicators. **BNC Jacks. Select SW.:** Clock renge selection L: 10 —40 Hz, H; 1K -20K Hz. **Banana Jacks. Clock Adj.:** Fine adj. of clock trequency. **Standard Accesorles:** AC Adaptor, Logic Probe, Battery Holdar.

FORDHAM LCR BRIDGE METER
MODEL LC-340
OUR PRICE
$149.95



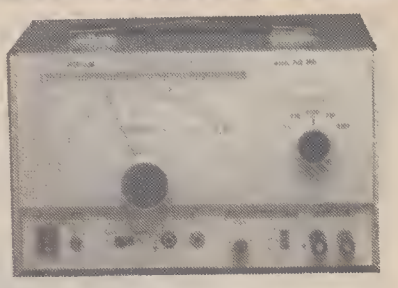
DESCRIPTION

This unit is a fully transistorized AC bridge meter, which allows for accurate measurement of resistances, capacitites, inductances and the turns ratio of transformers. This unit is battery operated, small and hendy, and has high mechanical and electrical stability. Besides the actual bridge circuit a 1 KHz generator and a three-stege test-amplifier is inserted.

SPECIFICATIONS

6 Range Raspectfvely: **Resistance Rangea**: 0.1 Ω to 11.1 MΩ, 0.1Ω to 10 Ω to ±2% +0.1Ω, 10Ω to 5MΩ ±1%, 5MΩ to 11.1 MΩ ±5%. **Inductance Range**: 1μH to 111H, 1μH to 100μH ± 5% ± 1μH, 1mH to 111H ± 2%. **Capacity Range**: 10 pF to 1110μF, 10pF to 1nF ± 2% ± 10pF, 1nF to 111μF +1% -1.5%, 111μF-1110μF 1%± 5%. **Turns Ratio**: 1:1/10000:11100 ±1.5%. **Battery**: 9V not included. **Size**: 7-3/4"W x 5-3/8"O x 4"H.

FORDHAM AUDIO GENERATOR
MODEL AG-260
OUR PRICE $119.95



FEATURES

- High frequency stability: within ±2 Hz.
- Output voltage floating: within ±1dB.
- Sine wave single output: more than 8Vrms.

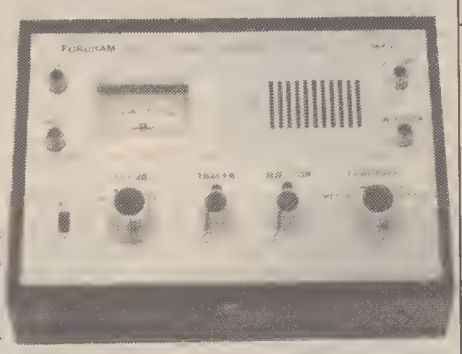
DESCRIPTION

The AG-260 is a portable Audio Generator with 600 Ω input impedance, all band voltage floating ±1 dB, low distortion output wave from 0.05%, high output voltage, stable oscillation circuit loop end minimum frequency floating. The oscillation frequency range of the AG-260 is usually between voice end super voice frequency bands. Its main function is to measure the characteristics of an audio circuit.

SPECIFICATIONS

Frequency Range: 10 Hz —1MHz 5 decede bands. **Accuracy**: ±3% +2Hz. **Output Impedance**: 600 Ω, unbalanced. **Output Control**: High, Low (-40dB) and fine adjuster. **Sine Wave Output**: **Range**: 10 —1MHz. **Output Voltage**: 8Vrms, max. **Output Distortion**: Less than 0.05% 500Hz -50KHz, Less than 0.5% 50Hz -500KHz. **Output Flatness**: ±1dB (1KHz). **Square Wave Output**: **Range**: 20Hz —20KHz. **Output Voltage**: 15Vp-p Max. **Rise Time**: 0.5μS. **Synchronization**: **Range**: ±3% of oscillator frequency per Vrms. **Input Impedance**: Approx. 10KΩ. **Maximum Input**: 10Vrms. **Power Requirements**: AC 115/230V, ±10%, 50/60Hz, 3VA. **Size**: 150mm(H) x 250mm(W) x 130mm(O). **Weight**: 2.5 kg. **Accessories**: 1 test lead, 1 ground lead.

FORDHAM SIGNAL TRACER/INJECTOR
MODEL SE-610
OUR PRICE
$119.90



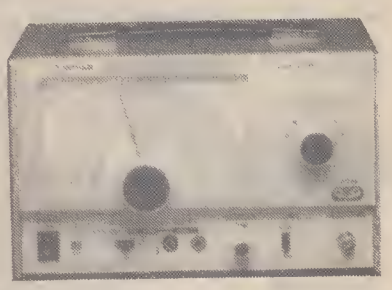
DESCRIPTION

The SE-610 is a handy, easy-to-operate versatile instrument with dual power source. It features 2 red LEDs to indicate mode of operation on front panel. It's ideal for servicing TVs, AM and audio circuitry, plus checkup of speaker, microphone and pickup.

SPECIFICATIONS

TRACER PORTION Gain: Max. 60 dB at 1KHz. **Attenuation**: 0-20-40-60 dB. **Input Impedance**: 100 KΩs. **Output Impedance**: External speaker 8 Ωs, Output: 600 Ω (unbalanced). **Meter**: VU 100μA. **Speaker**: 500mm4 dynamic. **Power Supply**: Single standard 9-volt battery, or optional AC adaptor. **INJECTOR PORTION**: **Frequency**: Approx. 1KHz square waveform. **Output Level**: Max 4.5V p-p. (0-4.5 continuously variable). **Size**: 7-3/4"W x 5-3/8"O x 4"H. **Standard Accessories**: One each of test lead with 2 alligator clips and test lead with e test prod and an alligator clip, plus one 9-V battery.

FORDHAM RF SIGNAL GENERATOR
MODEL SG-490
OUR PRICE $119.95



FEATURES

- Wide frequency range: 100KHz —150 MHz.
- Portable, high stability.
- With 1KHz oscillator in inner part for the purpose of modulation.

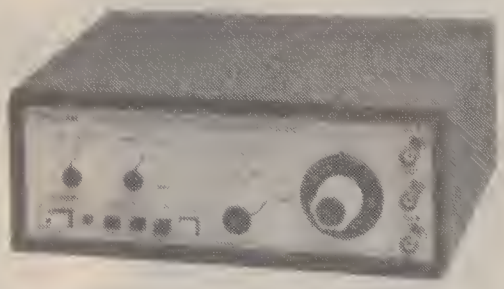
DESCRIPTION

Here is a compact solid state RF signal generator designed for the hobbyist, service bench and technical engineer. The generator is most suited for checking and aligning the IF circuit and tuners in AM, FM, and TV sets.

SPECIFICATIONS

Frequency Ranges: A: 100KHz -320KHz, B. 300KHz —1100KHz, C: 1MHz —3.3MHz, O. 3.0MHz -11MHz, E 10MHz —35MHz, F: 32MHz —150MHz. (up to 450MHz on 3'rd harmonics). **Frequency Accuracy**: ±2%. **RF Output**: 100m Vrms, approx. (up to 35MHz. **Output Control**: High-Low switch and fine adjuster. **Modulation**: INT. 1KHz (AM) 30% approx. EXT. 50Hz —20KHz, at less than 1 Vrms input. **Audio Output**: 1KHz, MAX. 1 Vrms (fixed). **Crystal Oscillator**: For 1 —15MHz crystal in type HC-6u holder (not included). **Power Requirements**: AC 115/230V, 50/60Hz, approx 3VA **Size**: 150mm(H) x 250mm(W) x 130mm(D). **Weight**: 2.5 kg.

FORDHAM FUNCTION GENERATOR
MODEL FG-202
OUR PRICE
$149.90



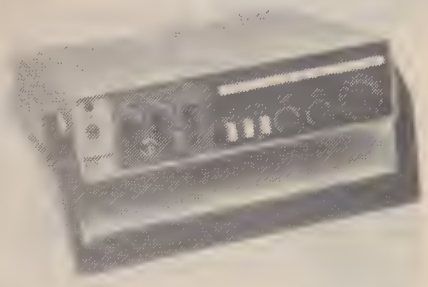
DESCRIPTION

The FG-202 is a versatile, compact, function generator capable of generating high quality sine, triangle, and square waveforms of high stability and accuracy.
The sine and triangle waveforms can be amplitude and frequency modulated by applying external voltages at the VCA (Voltage Controlled Amplitude) and the VCF (Voltage Controlled Frequency) inputs. With these two inputs, the unit can easily produce amplitude modulated, frequency, sweep, ASK (Amplitude Shift Keying) or FSK (Frequency-Shift Keying) signal.

SPECIFICATIONS

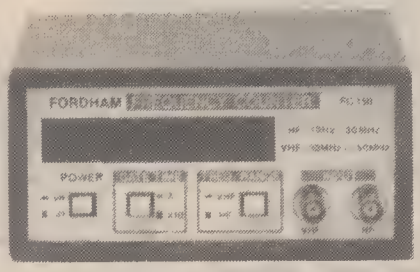
Frequency Range: 0.5Hz to 500KHz (6 ranges). **Waveforms**: Sine, Triangle, and Square. **Amplitude**: Not over 20Vpp open circuit, not over 10Vpp into 50 Ω. **Attenuation**: 1/100. **Frequency Accuracy**: ±5% of full scale. **DC Offset**: Variable, +10 to -10V open circuit, +5 to -5V into 50 Ω. **Sine Wave Distortion**: **1% typical at 1kHz**. **Square Wave**: Rise time 500ns typical. **VCF**: Linear frequency sweep for control voltage from -2 to +2V, input impedence 10KΩ. **VCA**: Linear amplitude modulation approx. 10 to variations for sine and triangle wave output, input impedence 10 KΩ.

FORDHAM SWEEP FUNCTION GENERATOR
MODEL FG-801
REG. $319.95
OUR PRICE $219.95



Output: Square wave, triangle wave, or sine wave (selectable). Also TTL pulse. Sweep output. **Input**: Voltage controlled frequency (VCF). **Frequency Range**: 0.2Hz to 2MHz (7 Ranges). **Frequency Accuracy**: ±5% of length scale. **Frequency Multiplier**: 0.2 to 2.0. **Voltage Controlled Frequency Range**: 100: min. for 0 to ±10 V input. **Sweep Characteristics**: **Internal**: Linear **Sweep Rate**: 0.5Hz (2 SEC period) to 50Hz (20mSEC period), continuously variable. **Sweep Width**: Variable from 1:1 to 100:1. **Input Impedance**: 10K Ω ±10%. **Sinewave Distortion**: Less than 1% from 10Hz to 100kHz. **Triangle Linearity**: Less than 1% to 100Hz. **Square Wave Time Symmetry**: Less than 1% to 100Hz. **Square Wave Rise and Fall Time**: Less than 100 nsec. **Pulse Output Rise and Fall Time**: Less than 25 nsec. (20 TTL Loads). **Main Output**: Greater than 10Vp-p (into 50Ω load). **Impedance**: 50 Ωs ±10%. **Amplitude Adjustment**: Less than 5m Vp-p to Greater than 20 Vp-p open circuit (20 dB attenuator off). **Attenuator**: 0 dB, -20 dB. **DC Offset Control**: Less than -10 V to Greater than +10V (open circuit) Less than -5V to Greater than +5V (into 50 Ω load). **Duty Cycle**: 5 to 1 min. duty cycle change (50% at max. CCW (or Cal) position). **Operating Temperature**: 0°C to 50°C, 80% R.H. **Power Consumption**: 15VA Max. **Size (WxLxH)**: 24 cm x 19 cm x 6.4 cm.

FORDHAM FREQUENCY COUNTER
MODEL FC-150
OUR PRICE
$139.90



SPECIFICATIONS

Frequency Range: 10Hz-150MHz **Gate Time**: 1 Sec., 5 Sec. **Accuracy**: ±1 Count. **Max. Input**: 20V p-p. **Voltage Sensitivity**: 25mV-100mV, 10Hz-30MHz, 100mV-300mV, 10MHz-150MHz. **Multiplication**: HF and VHF. **Input Impedance**: HF-1MΩ, VHF-50Ω. **Max. Input Voltage**: < 3V effective. **Reference Time Frequency**: 2,500MHz. **Reference Time Accuracy**: 5×10^{-5} (50ppm) 0° to 40°C, 1×10^{-5} (10ppm) 23° + 3°C. **Display**: Decimal 7 digit LED. **Power Source**: 7-10V AC Adaptor. **Size**: 5-1/2"W x 4-3/4"D x 2-7/8"H.

FORDHAM REGULATED TRIPLE POWER SUPPLY
Assembled and tested...and it's short circuit proof!
MODEL FM-6
REG. $149.95
OUR PRICE
$89.95

DESCRIPTION

A fully assembled and test triple benchtop power supply. Includes fixed 5V at 1 amp, 5V to 15V at 0.5 amp, and -5V to -15V at 0.5 amp. All supplies regulated, short proof. Each supply has a power on indicator LED. Complete and ready for use in a durable (8 x 6 x 3-1/2") metal case.

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FLUKE DIGITAL MULTIMETERS & VOLTMETERS
MODELS 73, 75, and 77-F

FEATURES
- 3½ digits (3200 counts). • Analog bar graph display.
- Single rotary switch, fast autoranging. • Compact, rugged, soil-resistant case.
- 2000 hour battery life, single 9V battery. • UL 1244 listed, VDE listed.
- "Sleep Mode" if battery not switched off.
- Dimensions: (LWH) 6.55"x 2.95"x 1.12". • Weight: .63 lbs.
- 3-year warranty, 1-year calibration cycle.
- Accessories supplied: TL-70 test leads, manual, battery, spare fuse (installed). C-70 holster for Fluke 77-F only.

DESCRIPTION

These three microprocessor-based handheld multimeters are a distinctive new family. They represent the latest in what high technology can do to reduce cost -without compromising quality or capability. They have features never before found in other DMMs, even the most expensive models. A proprietary A-to-D con verter chip designed and built in Fluke microcircuit laboratories, and proprietary software developed by Fluke engineers make it possible. Operating any of the 70-Series Multimeters are exceptionally simple: choose the function you want, connect the test leads, and the meter automatically selects the best range. The display reminds you what is being measured, AC or DC, volts amps, ohm, etc. But the most unique part of the display is a linear 32-segment LCD scale the cor responds to the full scale of an analog meter and the 3200-count numerical readout. The length of the scale, like the length of a bar graph, is proportional to the value being represented. The bar graph is updated ten times faster than the numerical display and allows you to follow changes faster than you can read numbers—the same as with a conventional analog meter. So it excels at making critical "peaking" or "dipping" circuit adjustments.

MODEL 73 OUR PRICE $77.50

The Fluke 73 is the least expensive handheld multimeter, and has all the distinctive features described above.

FEATURES
- Resistance. • AC Current (Average-Sensing, RMS-Indicating).
- AC Voltage (Average-Sensing, RMS-Indicating). • DC Current. • DC Voltage.
- Six functions including diode test. • 0.7% basic dc accuracy.
- Current range to 10A, DC or AC.

MODEL 75 OUR PRICE $109.95

FEATURES: All the features of the Fluke 73 plus:
- Seven functions including diode and continuity beeper.
- Three current ranges: 10A, 320 mA, 32 mA.
- 0.5% basic DC accuracy
- Range-hold for manual ranging, autoranging.

DESCRIPTION

The Fluke 75 multimeter has three DC and AC current ranges, five DC voltage ranges, four AC voltage ranges, six resistance ranges, and an audible tone for fast diode or continuity testing. It also has a pushbutton for range hold and manual ranging. Repetitive go, no-go checks are accomplished faster using just one range. So are many peaking and dipping checks using the 32-segment analog scale. Touching the pushbutton one prevents the meter from changing ranges. Pushing the button momentarily a second time advances the range. Holding the pushbutton down for a couple of seconds restores autoranging. A continuous audible tone provides a fast check on the continuity of current paths of about 150 ohms or less. A brief tone indicates a voltage-drop of about 0.6 volts, the normal for a forward biased semiconductor junction passing about 500 uA.

MODEL 77-F OUR PRICE $139.95

FEATURES: All the features of the 75 plus:
- "Touch-Hold" function (patent pending). • 0.3% basic DC accuracy. • Multipurpose protective 'holster' incl.

DESCRIPTION

The 77-F multimeter, has better accuracy and a unique means of holding a reading after a test lead has been removed from a circuit or test point. As soon as the contact and the source is stable, the meter makes a distinctive audible chirp and hold the reading. The user can then remove the test leads and check points at one time; reduces risk of electrical shock. Also, Touch-Hold gives the user time to log the reading if needed or refer back to the reading before the next test. The multipurpose holster is made of tough semi-flexible plastic that snaps over the DMM. Both test probes may be snapped into the holster to keep meter and leads from getting separated. And one probe may be snapped into the holster in a position so just one hand may hold both the meter and probe tip in conact with a test point. You can hang the multimeter on your belt, tilt it back on a bail for bench use, or use the neck strap and belt clip for easy viewing while probing.

OPTIONAL ACCESSORIES:

C-70 Holster for models 73 and 75 only	$10.00	**C-90** Deluxe padded case fits meter and holster	$13.95
C-50 Soft carrying case meter only	$13.95	**TL-70** Extra test leads	$9.95

FLUKE 20 SERIES HANDHELD DIGITAL MULTIMETERS

MODEL 21-F OUR PRICE $95.00

MODEL 23-F OUR PRICE $140.00

MODEL 25-F OUR PRICE $210.00

MODEL 27-F OUR PRICE $250.00

DESCRIPTION

The Fluke 20 Series are high-energy-protected multimeters capable of accurately tackling the toughest measurement problems of today's high-technology industries. Each meter includes battery, spare fuse, TL-70 test leads, two insulated alligator clips, and operator's manual.

SPECIFICATIONS

Display: 3200 counts plus polarity indication. **Analog:** 31 segment bar graph plus polarity indication. **MIN/MAX recording and Relative Mode:** Fluke 27 only.

DC VOLTAGE:

Range	Resolution	Accuracy 21	Accuracy 23	Accuracy 25 & 27
320.0 mV	100 uV	0.5% + 1	0.3% + 1	0.1% + 1
3.200V	1 mV			
32.00V	10 mV			
320.0V	100 mV			
1000V	1V	0.6% +	0.4% + 1	

Input Impedance: 10 Mohm nominal.
Overload Protection: 25 & 27: 1000V; 500V on 320mV range. **21 & 23:** 1000V dc, 750V ac, 500V on 320 mV range.

DC & AC CURRENT

Range	Resolution 21 & 23	Resolution 25 & 27	Nominal Burden Voltage 21 & 23	Nominal Burden Voltage 25 & 27
320.0 uA	--	0.1uA	—	0.5 mV/uA
3200 uA	—	1 uA	—	0.5 mV/uA
32.00 mA	10 uA	10 uA	6 mV/mA	6 mV/mA
320.0 mA	100 uA	100 uA	6 mV/mA	6 mV/mA
10.00A	10 mA*	10 mA	50 mV/A*	50 mV/A

*Fluke 23.

DC Accuracy: 25 & 27: within 0.75% + 2. **21 & 23:** within 1.5% + 2, 2% + 2 on 320 mA range. **AC Accuracy: 25 & 27:** within 1.5% + 2. **21 & 23:** within 3% + 2. **Overload Protection: 10A range:** 20A 600V fuse, 100,000A interrupt rating. **mA range (also uA ranges in Fluke 25 & 27):** 630 mA 250V fuse, 1500A interrupt rating: In series with a 3A 600V fuse, 10,000A interrupt rating (Fluke 23 uses 0.36ohms fusible resistor instead of 3A 600V fuse).

OHMS

Range	Resolution 21 & 23	Resolution 25 & 27	Accuracy 21	Accuracy 23	Accuracy 25 & 27
320.0	0.1 ohm	0.1 ohm	0.7% + 2	0.5% + 2	0.3% + 2
3.200K	1 ohm	1 ohm	0.7% + 1	0.5% + 1	0.2% + 1
32.00K	10 ohms	10 ohms			
320.0K	100 ohms	100 ohms			
3.200M	1 kohm	1 kohm			
32.00M	10 kohm	10 kohm	2.5% + 1	2% + 1	1% + 1
32.00 nS	—	0.01 nS	—	—	2% + 10

Overload Protection: 500V rms. **Test Voltage:** greater than 420 mV dc full scale up to 3.2 Mohm; greater than 1.3V up to 32 Mohm, greater than 2.8V open circuit. **DIODE TEST & CONTINUITY: Diode Test Indication:** Displays voltage drop; 0.5mA nominal test current at 0.6V; 2.0V full scale. Momentary tone for test voltage dropping below. 0.7V (typical silicon diode threshold). **Continuity Indication:** Continuous audible tone for test resistance below approx. 150 ohm. **Open Circuit Test Voltage:** greater than 3.3V. **Overload Protection:** 500 rms.

AC VOLTAGE

Range	Resolution	Accuracy 25 & 27: 40Hz-2KHz	2KHz-10KHz	10KHz-30KHz
3.200V	1 mV	0.5% + 3	2% + 3	4% + 10
32.00V	10 mV			
320.00V	100 mV			
1000V	1 V	1% + 3	3% + 3	Not spec.

AC VOLTAGE

Range	Resolution	Accuracy 21 & 23 45-1000Hz*
320.0mV	100 uV	—
3.200V	1 mV	2% + 2
32.00V	10 mV	
320.00V	100mV	
1000V**	1 V	2% + 2

*500 Hz on 3.2V range **750V on Fluke 21 or 23

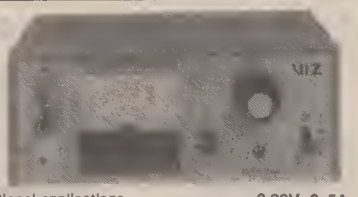
Conversion Type: AC coupled, average sensing, calibrated to read the rms value of a sinewave. **Input Impedance: 25 & 27: 10 Mohm nominal, greater than 100 pF. 21 & 23: 10 Mohm nominal, greater than 50 pF. Overload Protection:** 10, Volt-Hertz maximum: **25 & 27:** 1000V, 500V on 320 mV range. **21 & 23: 1000V dc, 750V ac. GENERAL Maximum voltage to be applied to any terminal:** 1000V with respect to earth ground. **Battery:** 9V NEDA 1604, Symbol when 60 hours remain. **25 & 27:** Typically 1,300 hours with alkaline. **21 & 23:** Typically 2,000 hours with alkaline. **Instrument Size: 25 & 27:** 2.2"H x 3.75"W x 8"L. **21 & 23:** 1.12"H x 2.95"W x 6.55"L. **Weight: 25 & 27:** 1.6 lbs **21 & 23:** .75 lbs. **Warranty: 25 & 27:** Two years parts and labor. **21 & 23:** Three years parts and labor.

Carrying Cases

C-20 Hard Case for 25 & 27	$20.00
C-25 Ruggedized Soft Case for 23, 25, & 27	16.00
C-70 Holster for 21, included with 23	10.00
C-50 Soft Case for 21 & 23	13.95

CALL US MONDAY THRU FRIDAY 8:00 AM to 6:30 PM • SATURDAY 9:00 AM to 3:00 PM E.S.T.

VIZ POWER SUPPLY
MODEL WP-703A
REG. $169.00
OUR PRICE $152.50



0-20V, 0-.5A

DESCRIPTION
The WP-703A is e solid-state, constant-voltage DC power supply. This versatile bench-type unit is ideally suited for use in circuit design, servicing, industrial end educational applications.

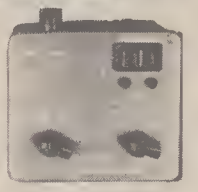
FEATURES
- Continuously adjusteble voltege output down to 0 volts.
- Electronic short-circuit protection - short acrose the output terminals won't harm the supplies.

SPECIFICATIONS
Output: 0 to 20 V, 0 to 500 mA. **Line Regulation:** 7 mV (Max. change in output level with power-line veriation of 110 to 135 V AC). **Load Regulation:** Less then 10 mV change for a 500 mA load change. **Ripple:** Less then 200 uV rme. **Meter Functione:** 0 to 20 V, 0 to 500 mA (Function selected with penel switch). **Controls:** Continuously variable voltage edjuetment, Power on/otf, Meter selector V/mA. **Output Terminals:** DC+, DC—, GND. (pos. or neg. output). **Short Circuit Protection:** Protected from damage due to external short circuit. **Overload Indicator:** Panel lamp glows when current epproeches max. level. **Size:** 5" x 8" x 3". **Weight:** 3.3 lbs.

VIZ ISOTAP (ISOLATION TRANSFORMERS)
MODEL WP-26A
REG. $139.00 OUR PRICE $124.95

FEATURES
- Both units have primary and Ieolated secondary windings.
- Primary to secondery current leakage less than 0.1 mA.
- WP-26A load reting Isolated 400 VA mex continuous operaton.
- 3 position voltage selector sw., 3 wire AC cord.
- Size: 5-3/4" x 5" x 4-3/8". Weight: 15 lbs.

VIZ ISOTAP II
MODEL WP-27A
REG. $149.00 OUR PRICE $132.50

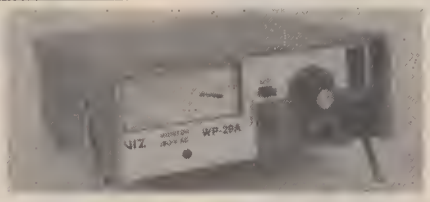


FEATURES
- Provides Isoleted output volteges from 25 VAC to 150 VAC in 5V steps. Up to 400 wett res. loed.
- Ideal for safety, service TV SCR deflection systeme. 3 wire AC cord, jacke for V monitor.
- Size: 5-3/4" x 5" x 4-3/8". Weight: 16 lbs.

VIZ PORTA-ISOTAP
MODEL WP-28
REG. $89.00 OUR PRICE $79.50

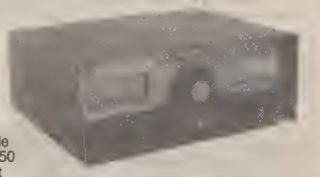
FEATURES
Compact, lightweight unit. Ideal for TV eervicing. Eeslly carried for house calls. Has two fused outlets: (1) Isolated, 150 VA continuous for solid state TV; (2) Direct, 500 VA, a convenient power source for service instruments. Comes with accessory cords to take power trom TV set back. No need to hunt tor wall outlet. Weight 8 lbs.
Dimensions 3-3/4" x 3-3/8" x 5-3/8".

VIZ MONITOR ISOVAC
MODEL WP-29A
REG. $249.00
OUR PRICE $225.00



FEATURES
- Supply Line: 110 to 130V. 60 Hz.
- Power Reting (resistive Ioed): 300VA.
- Isolated Output: 0 to 150V. 60 Hz.
- Leakage: Less than 0.1 mA.
- Isolated Current: 0-2.25A max. • Meter: Taut band 3-1/2" ±2% F.S.
- Size: 3-3/8" x 8-5/8" x 9-1/2". • Weight: 15lbs.

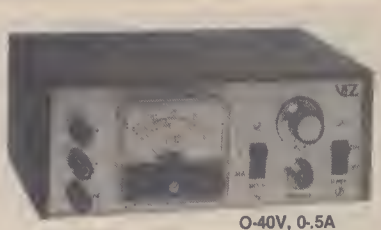
VIZ MONITOR ISO-V-AC II
MODEL WP-30
REG. $369.00
OUR PRICE $325.00



DESCRIPTION
The Viz WP-30 Monitor ISO-V-AC is designed to provide isoleted AC output variable from 0 to approximetely 150 volts. It can supply a continuous 5 amp output current to a maximum of 650 VA. The output current can be set to the maximum output desired, at which point, a latching relay will open circuit and reduce output volts end amps to zero. Two parallel, three prong AC sockets are provided to eilow the operator to use the unit for more than one load
The WP-30 also Includes a leakage tester that can measure AC leekage current in electrical/electronic equipment in order to verify if the leakege is within limits established by UL, CSA. The WP-30 is supplied with two 3½ meters. One monitors line or output voltage end the other can display output current or leakage.
For safety, the metal cese of the WP-30 is connected to the power line ground through the three conductor AC power cord. The AC Input is separately fused.

SPECIFICATIONS
Input 110 to 130VAC 60 Hz. **Output Isolated Voltege (120 VAC Input)** 0 to 150 VAC. **Output Isolated Current** 0 to 5.0 Amps Max. (see performence curve). **Total Maximum Output** 850VA (Resistive Load) **Output Isoletion** Less then 0. 1MA (Meet ANSI Spec. C101.1, 1971) **Leekage Renge:** 0-2.5 MA. **Meters** Two 3½" Taut Band. **Meters Accurecy** ± 3% of full scale on voltage, ± 2% of full scale on current and leekage. **Protection** AC Input-Fuse, AC Output-Adjustable current reley with menuel Reset. **Temp. Rise (Outside cese, full load 130V, 5A)** 10°C (50°F). **Size:** 6" x 14" x 12½". **Wt.** 25 lbs.

VIZ POWER SUPPLY
MODEL WP-704A
REG. $169.00
OUR PRICE $152.50



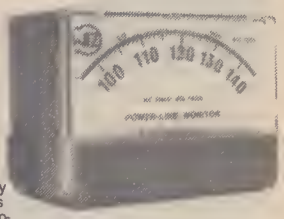
O-40V, 0-.5A

DESCRIPTION
The WP-704A is a solid-state, constant-voltege DC power supply. This versetile bench-type unit is ideally suited for use in circuit design, servicing, industriel end educetional applicatione.

FEATURES
- Continuously adjusteble voltage output down to 0 volte.
- Electronic short-circuit protection - short across the output terminels won't harm the supplies.

SPECIFICATIONS
Output: 0 to 40 V, 0 to 250 mA. **Line Regulation:** 15 mV (Max. change in output level with power-line variation of 110 to 135 V AC). **Load Regulation:** Lees then 20 mV chenge for e 250 mA loed change. **Ripple:** Less than 500 uV rme. **Meter Functions:** 0 to 40 V, 0 to 250 mA (Function selected with panel switch). **Controls:** Continuously variable voltage adjustment, Power on/off, Meter eelector V/mA. **Output Terminals:** DC+, DC—, GND. (poe. or neg. output). **Short Circuit Protection:** Protected from damage due to external short circuit. **Overload Indicator:** Panel lemp glows when current approaches max. level. **Size:** 5" x 8" x 3". **Weight:** 3.3 lbs.

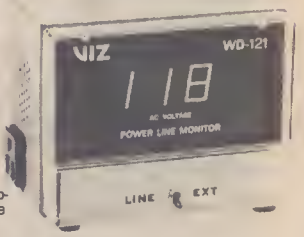
VIZ POWER LINE MONITOR
MODEL WV-120C
REG. $89.00 OUR PRICE $79.00



- Expanded 3-color scele from 100 to 400 volts.
- High accuracy, easy-to-read scale.
- True rms readings, even on distorted sine waves.
- Fast meter action—reveals "bounces" and fluctuations in line voltage.
- 100 - 140V, 50 - 400Hz.
- Size: 4" x 5" x 3". • Wght: 1-1/2 lb.

DESCRIPTION
The VIZ WV-120C Power-Line Monitor is designed for use by radio-TV repair shops, leboratories, and industries where it is important to know the power-line voltage. This instrument provides a continuous, eccurate indicetion ot the AC line voltage at a glance, without the inconvenience of handling probes and switches or the necessity of selecting one of several scales to determine the proper reading.

VIZ DIGITAL POWER LINE MONITOR
MODEL WD-121A
REG. $129.00 OUR PRICE $109.00



- High eccuracy, easy-to-read .8 inch LED display.
- Reveals bounces and fluctuations in the voltages. Indication of 'brown-outs'.
- Can be installed between AC line and unit to be monitored.
- 100 to 150 Volts, 50 to 60 Hz.
- 3-wire power cord, tused.

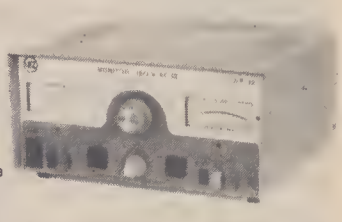
DESCRIPTION
The VIZ WD-121A Digital Power-Line is designed for use by industries, laboratories, research and development, and radio-TV, repair shops where it is important to know the power-line voltage at all times. This instrument provides a continuous, accurate indication of the AC line voltage.
Size: 4" x 5" x 3". Weight: 1-1/2 lbs.

VIZ ISOLATION TRANSFORMER
MODEL WP-31A
REG. $259.00 OUR PRICE $225.00

DESCRIPTION
Viz Model WP-31A Is a 1.05 KVA, 120 VAC, Single Phase, Continuous Duty, Isolation Transformer. The WP-31A features three fixed 350 VA outputs, aach Isoleted trom line end each other.

FEATURES
- Frequency range: 50-60 Hz. • Number of phases: 1.
- Primary voltege: 110-125 VAC. • Reguletion: 4% at 115 VAC.
- Harmonic distortion et 1.0 P.F. Full Loed: 1%.
- Leekage current from any of three sections to ground does not exceed 10 nano amps.
- Max. temperature: 55°C. • Intermittent overload: 30% for 5 mins.
- Duty cycle: Continuous. • Type of cooling: Air.
- Size: 9-1/8" x 5-1/2" x 7". Weight: 30 lbs.

VIZ MONITOR ISO-V-AC III
MODEL WP-32
REG. $509.95
OUR PRICE $449.95

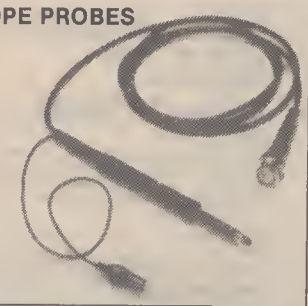


- Variable and fixed Isolated AC outputs
- Audible leakage test
- Ratings from 150VA to 1300VA
- Current output to 10.0A continuos
- Meets ANSI specifications C101.1 for leakage
- Primery to secondery current leekage leas than 0.2mA

SPECIFICATIONS
Output Voltage: 0-150VAC continuous. **Output Current:** 0-10.0A AC. **Maximum VA Continuous:** 1300. **Number of Isolated Outputs:** 2. **Maximum leakage (mA):** .20. **Leakage meter and Audible alarm:** yes. **Leakage meter range (mA):** 0-2.5. **Voltage panel meter:** yee. **Current panel meter:** yes. **Meter accurecy:** voltage ±3%FS current, leakage ±2%FS. **Lead protection:** AC Input: fuse. AC output: edjustable current reley with manual test. **Cooling method:** convection. **Operating temperature up to ambient:** 40°C(104°F). **Dimenelona:** 7 x 14 x 12-1/2" (17.8 x 35.8 x 31.8cm). **Weight:** 42.3 lbs.(19.2kg). **AC powsr required:** 110/130V 60Hz.

PROBES

OK INDUSTRIES OSCILLOSCOPE PROBES
SWITCH SELECTABLE x1/x10

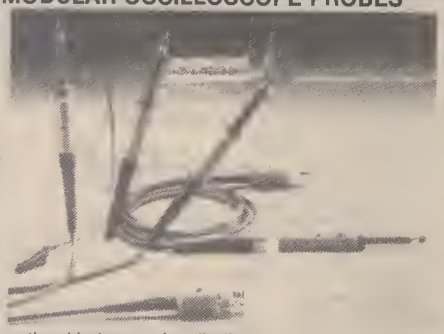


MODEL SP-211 **OUR PRICE $29.95**

SPECIFICATIONS

Position	x1	x10
Attenuation Ratio	1:1	10:1
Bandwidth	DC-10MHz	DC-100MHz
Rise Time	35ns	Less than 35ns
Input Capacitance	40pF	18pF
Compensating Range	10-60pF	
Input Resistance	10Mohm	
Maximum Input Voltage	600 VDC Incl. peak AC, derating with frequency	
Working Temp. Range	-25 to + 70 °C.	
Cable Length	1, 2 Meters	

HIGH PERFORMANCE MODULAR OSCILLOSCOPE PROBES



- Precision performance up to 250MHz bandwidth.
- Unique modular design.
- Compatible with all oscilloscopes.
- Easily replaceable parts.

DESCRIPTION

OK Electronics' modular oscilloscope probes are rigidly monitored throughout the manufacturing process to assure the highest performance and instrument compatibility. The modular design provides substantially lower maintenance costs while offering complete adaptability to all oscilloscopes. Each probe assembly is carefully packaged with the probe head, cable assembly, and a full complement of accessories to address the widest range of applications.

PP-3000 SERIES PRECISION MODULAR OSCILLOSCOPE PROBES

Model	Attenuation	Bandwidth	Cable Length (Meters)	Input Impedance R	Input Impedance C	Compensation Range	Max. Input DC/peak AC	Max. Rise Time	Our Price
PP-3010	X 10	250MHz	1.2	10Mohm	16pF	10pF to 47pF	600V	2.2ns	$49.00
PP-3011	X 1	10MHz	1.2	1Mohm	40pF	Any Scope	600V	35.0ns	58.00
	X 10	250MHz	1.2	10Mohm	17pF	10pF to 47pF	600V	2.2ns	
PP-3100	X100	250MHz	1.2	100Mohm	6.5pF	10pF to 47pF	1200V	1.4ns	58.00

TK-800 SERIES KELVIN PROBES

MODEL TK-800 BNC Connector

OUR PRICE $99.95

MODEL TK-800BN Banana Connector

OUR PRICE $99.95

- Gold Plated clips.
- Color coded strain reliefs.
- BNC or banana connectors.
- High reliability grip design.
- Voltage Rating: 250V RMS. • Current 5A.
- Cable type: RG174/U • Cable Length: 0.8m

DESCRIPTION

The TK-800 Series Kelvin Probes are low resistance, precision test leak kits ideal for LCR bridges or microhm meters.

Circuit connection: (2) flat tweezers with special gripping surfaces ensure precise contact to the components to be measured. Contacts are gold plated for optimum electrical performance. An additional alligator clip, ground lead connection is also provided.

Instrument connection: (4)BNC or banana connectors with color coded strain relief boots.

TW-300 SERIES TWEEZER PRODS

MODEL TW-300 BNC Connector

OUR PRICE $13.95

MODEL TW-300BN Banana Connector

OUR PRICE $13.95

The TW-300 Tweezers Prods are for SMD testing can adapt to most multi-meters. They're constructed with either BNC or banana connectors.

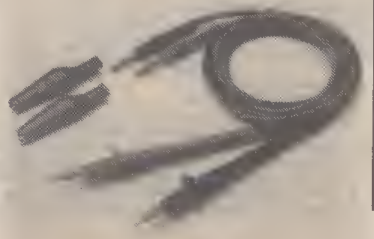
SPECIFICATIONS

Rating: 400V rms, 3A. **Contact Tip:** Gold plated beryllium-copper. **Cable:** RG174/U. **Cable Length: 1.2 meter.**

STANDARD TEST LEAD KIT

MODEL TPK-310

OUR PRICE $14.95



- Unique pointed banana tip.
- Silicone rubber insulated leads.
- Low cost durable performance.

DESCRIPTION

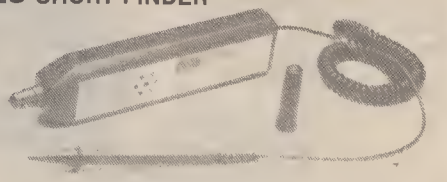
The new TPK-310 offers the advantages of silicone rubber insulated test leads and features a specially designed probe tip that is a combination banana connector and pointed tip. Comes with two test prods with fixed leads and alligator clips.

OK INDUSTRIES SHORT FINDER

MODEL SF-110

OUR PRICE $49.95

SPECIAL!



FEATURES

- Detects shorts quickly and accurately.
- Performs continuity checks.
- Two sensitivity settings.
- Audible Tone.
- Shirt pocket portable. • Not "confused" by capacitor. • Long battery life (1 year).

DESCRIPTION

The SF-110 is one of the most unique products on the market today. It allows the user to find shorts in PC boards and other circuits literally in seconds. Simply follow the suspect trace with the shortfinder.

If there is a short the SF-110 will emit a tone which will increase in frequency as you approach the short. The SF-110's response is exponential, giving the operator greater resolution in the critical area close to the short. The unique "zero intercept response" curve guarantees accurate response to true shorts while rejecting false shorts such as high leakage currents and capacitor resonances. The SF-110 never requires calibration or maintenance, and is battery powered for complete portability. The SF-110 is an ingenious, quality instrument which is sure to save hours of troubleshooting time.

SPECIFICATIONS

Short Sensitivity: HI 0 to 1ohm. Low 0 to 10ohms. **Tone Frequency at 0ohm:** HI 3kHz + 10%. LO 5kHz + 10%. **Power:** 9volt battery (supplied). **Max. Output Voltage:** 9V. **Max. Output Current:** 15mA. **Optional Replacement Tip model 14093...$3.95**

OK INDUSTRIES DIGITAL LOGIC PROBE

MODEL PRB-50A **OUR PRICE $55.00**

FEATURES

- DC to greater than 50MHz Guaranteed (80MHz typ.).
- 10 nsec Pulse Response.
- Hi, Lo, and Pulse Indicators.
- Automatic Pulse Stretching.
- Pulse Latching Memory.
- Switchable Thresholds (TTL/CMOS).

DESCRIPTION

The OK Digital Logic Probe is a test instrument used to probe a circuit node or gate and provide a display of the logic state at that node (Hi, Lo, Pulse, Open or Bad Level). Further, the O.K. Probe is unique in also providing indication of both power supply and tip under-and overvoltage. Additional features include switchable thresholds, pulse stretching, pulse latch (memory), reverse polarity and overvoltage protection, and detachable coiled power cord with alligator clips standard (cord with IC hooks available separately).

The OK Digital Logic Probe can indicate low frequency events to DC as well as high frequency events to beyond 50MHz. It can detect pulses as short as 10 nsec and can operate over a wide range of input voltages.

OK INDUSTRIES LOGIC PULSAR

MODEL PLS-500 **OUR PRICE $45.00 *SPECIAL!***

- Multi-Family (DTL, TTL, MOS, CMOS, Microprocessors).
- Multi-Mode. • Circuit Powered.
- High Input, Low output, Impedance.
- Over/undervoltage indicators & protection.
- Reverse polarity protection.
- No adjustments required.
- Detachable coiled power cord.
- Switchable 0.5 Hz/500 Hz Rate.
- 2 usec pulse rate.
- 1000 mA (1 Amp) output polarity.
- Automatic outputs, polarity & voltage.
- Sync Out, Sync In, and GND for Triggered/Triggering uses.

DESCRIPTION

The PLS-500 is a test instrument which is used to inject a signal into a circuit node so that the response of the circuit may be observed, (typicaly using a Digital Logic Probe such as PRB-50), to determine if the devise at the node is working correctly. This eliminates the need to isolate the device by unsoldering it or by cutting circuit traces on the printed circuit board.

SPECIFICATIONS

Pulser output Impedence: 2 ohm. **Pulser Input Impedence:** 10M ohm. **SYNC OUT (TRIGGER OUT): Pulse width @ 0.5 Hz.** 100 msec. low, 1900 msec high (typ.), (95% duty cycle). **Pulse width @ 500 Hz:** 1 msec low, 1 msec high (typ.); (50% duty cycle). **Output current (source):** 4 mA @ Vcc = +15V, 2mA @ Vcc = +5V. **Input impedance:** 100k ohm. **Input overvoltage protect:** ± 120V (10 sec). **EXT SYNC IN (TRIGGER IN) Input Impedence:** 1M ohm. **Max. Input voltage:** ± 120V (continuous). **Max. Input current:** 1.2 mA. **Input Frequency:** DC-100 KHz. **Operating power supply:** +3.5 - +18V.

BP ALLIGATOR CLIPS TO BNC MALE

MODEL 1587 **OUR PRICE $7.95**

Overall Length 25"

BP ALLIGATOR CLIPS TO DOUBLE BANANA PLUG

MODEL 1531 **OUR PRICE $7.95**

Overall Length 27½"

BP UNIVERSAL TEST LEAD KIT

MODEL UTL-325

OUR PRICE $4.95 *SPECIAL!*

- 4 alligator clips (2 red, 2 black). • 2 spade lugs.
- 2 needle tips. • 2 banana plugs. • 2 test probes.

DESCRIPTION

Every combination you could possibly use for your testing needs.

IC OP-AMP COOKBOOK, THIRD EDITION

WALTER G. JUNG

MODEL 22453

OUR PRICE $21.95

Earlier editions of *IC Op-Amp Cookbook* have been considered a "classic" in the industry. Topics covered include:

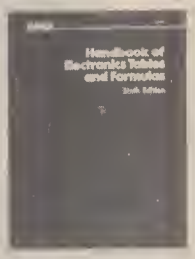
- Op-Amp Basics.
- IC Op-Amps: The Evolution of General-Purpose and Specialized Types.
- General Operating Procedures and Precautions in Using IC Op Amps Voltage Regulators, References, and Power Supplies Using Op Amps.
- Signal-Processing Circuits. • Amplifier Techniques.
- Logarithmic and Mutiplier Circuit Techniquee.
- Comparators. • Signal-Generation Circuits.
- The Integrator and the Differentiator.
- 588 Pages, 5-1/2 x 8-1/2, Softbound.

HANDBOOK OF ELECTRONICS TABLES AND FORMULAS, SIXTH EDITION

STAFF OF HOWARD W. SAMS

MODEL 22469

OUR PRICE $19.95



This useful reference contains all the formulas and laws, constants and standards, symbols and codes, service and installation data, design data, and mathematical tables and formulas necessary to keep pace the rapidly changing electronics industry. Added to this new edition are computer programs written for Commodore 64®, with conversion information for Apple®, Radio Shack, and IBM®.

- 350 Pages, 7-1/2 x 9-3/4, Softbound.

TTL COOKBOOK

DON LANCASTER

MODEL 21035

OUR PRICE $14.95

An early Lancaster effort that is still a tech classic. This is a complete look at TTL, including what it is, how it works, how it's interconnected, how it's powered, and how it's used in many practical applications. No technician's library is complete without it.

- 336 Pages, 5-1/2 x 8-1/2, Softbound

TRANSISTOR FUNDAMENTALS, VOLUME 2

BRITE AND PIKE, TRAINING & RETRAINING, INC.

MODEL 20642

OUR PRICE $9.95

This introductory text explains transistor principles, voltage, current resistance, inductance, capacitance, and circuitry. It provides all the information you'll need to develop a firm understanding of solid-state electronics and troubleshooting techniques.

- 208 Pages, 5-1/2 x 8-1/2, Softbound.

HOW TO READ SCHEMATICS, FOURTH EDITION

DONALD E. HERRINGTON

MODEL 22457

OUR PRICE $14.95

This update of a standard reference features expanded coverage of logic diagrams and a chapter on flowcharts. Beginning with a general discussion of electronic diagrams, the book systematically covers the various components that comprise a circuit. It explains logic symbols and their use in digital circuits, interprets sample schematics, analyzes the operation of a radio receiver, and explains the various kinds of logic gates.

- 272 Pages, 5-1/2 x 8-1/2, Softbound

VIDEO CAMERA: THEORY AND SERVICING

GERALD P. McGINTY

MODEL 22382

OUR PRICE $18.95

This entry-level technical primer provides a clear, well-illustrated presentation of video camera theory and servicing. Learn about beam focus and deflection, the characteristics of a Vidicon tube and other tubes, camera alignment, and much more.

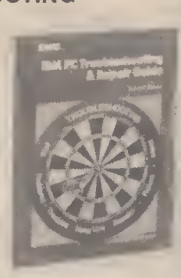
- 263 Pages, 8-1/2 x 11, Softbound.

IBM® PC TROUBLESHOOTING & REPAIR GUIDE

ROBERT C. BRENNER

MODEL 22358

OUR PRICE $19.95



Repair your IBM PC yourself, simply and inexpensively. Troubleshooting flowcharts help you diagnose and remedy the probable cause of failure. A final chapter on advanced troubleshooting shows the more adventuresome how to perform complex repairs. Some knowledge of electronics required.

- 192 Pages, 8-1/2 x 11, • Softbound

TROUBLESHOOTING WITH THE OSCILLOSCOPE, FIFTH EDITION

ROBERT G. MIDDLETON

MODEL 22473

OUR PRICE $16.95

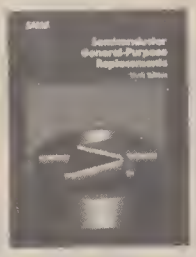
One of the quickest and least costly ways of troubleshooting most electronic equipment is to use an oscilloscope — properly. In this book, now in its fourth edition, the author not only provides correct step-by-step procedures on the use of an oscilloscope but combines these with specific facts of television receiver troubleshooting.

- 256 Pages, 5-1/2 x 8-1/2, Softbound.

SEMICONDUCTOR GENERAL-PURPOSE REPLACEMENTS, SIXTH EDITION

MODEL 22540

OUR PRICE $12.95



Assembled by Howard W. Sams engineers, this hand guide gives over 281,000 general-purpose replacements by registered type numbers, part numbers, and other ID numbers for servicing electronic equipment.

All major types of semiconductors are covered including bipolar transistors, field-effect transistors, diodes, rectifiers, integrated circuits, and miscellaneous devices. Also provided is a comprehensive index to identification numbers.

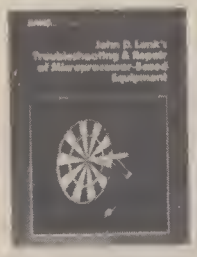
- 432 Pages, 8-1/2 x 11, Softbound

JOHN D. LENK'S TROUBLESHOOTING & REPAIR OF MICROPROCESSOR-BASED EQUIPMENT

JOHN D. LENK

MODEL 22476

OUR PRICE $21.95



This text provides a simplified practical system of troubleshooting for the many types of microprocessor-based electronic devices. Concentrating on the basic approach to troubleshooting, the book includes numerous procedures and "tricks" that can be effective in diagnosing, isolating, and locating faults in microprocessor circuits.

Written primarily for working technicians and field service engineers, it is also an excellent guide for students and hobbyists.

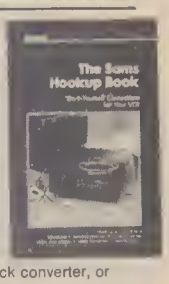
- 200 Pages, 8-1/2 x 11, Softbound.

THE SAMS HOOKUP BOOK: Do-It-Yourself Connections For Your VCR

HOWARD W. SAMS ENGINEERING STAFF

MODEL 22248

OUR PRICE $4.95



This step-by-step guide provides all the information needed for both simple and complex hookups of home entertainment equipment. It offers instructions to hook up a video cassette recorder to a TV, cable converter, satellite receiver, remote control, block converter, or video disc player.

- 104 Pages, 5-1/2 x 8-1/2, • Softbound

REFERENCE DATA FOR ENGINEERS: Radio, Electronics, Computer, and Communications, Seventh Edition

EDWARD C. JORDAN, Editor-in-Chief

MODEL 21563

OUR PRICE $69.95

Written by professionals, this book was originally published as a limited private edition used by engineers, mathematicians, and physicists at ITT.

This completely updated edition reflects an expanded range of disciplines. It is a respected, reliable, and indispensable reference tool for technical professionals. Topics include:

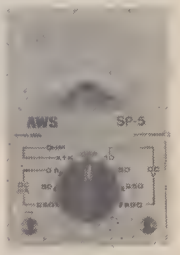
- Units, Constants, & Conversion Factors.
- Filters, Simple Band-Pass.
- Rectifiers, Filters, and Power Supplies.
- Computer Communications Networks.
- Satellite & Space Communications. • And Many More!
- 1,368Pages, 7-1/2 x 9-3/4, Hardbound.

A.W. SPERRY POCKET-SIZE MULTIMETER

MODEL SP-5

OUR PRICE $7.95

SPECIAL!



FEATURES

- Diode Protected Meter Movement.
- High Impact Thermoplastic Case.
- Easy-to-Read Mirror Scale.

SPECIFICATIONS

RANGES DC Voltage: 0-10/50/250/500 Vdc **AC Voltage:** 0-10/50/250/500 Vac **DC Current:** 0-0.5/50/250 mAdc **Resistance:** 0-1Mohm (5Kohm mid-scale) **Decibels:** —20 to +56 DB (on ACV ranges) **Sensitivity:** 2Kohm/V AC/DC **Accuracy:** ±4% F.S (DCV, DCA) ±4% Arc Length (ohm) ±5% F.S. (ACV) **Power Source:** One (1) 1.5V AA size battery AWS Part No. B-1 **Size:** 3.5"L X 2.4"W X 1.3"D **Weight:** 3.7 oz. (including battery)

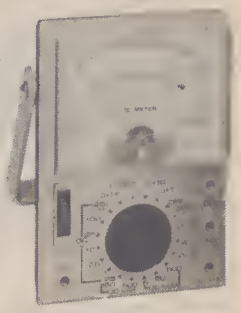
BP 20,000 OHM/VOLTS MULTITESTER

MODEL VM-520

REG. $29.95

OUR PRICE $14.95

SPECIAL!



DESCRIPTION

Ideal for use where measurements must not appreciably disturb the circuit being tested, the BP model VM-520 features high 20,000 ohms/volt DC and 10,000 ohms/volt AC sensitivities on all ranges. Special circuitry has been included to protect the meter movement against accidental overload. DC voltage can be measured on any one of eight ranges while AC voltage measurements can be made on five practical ranges. Also included are one dB range, five DC current ranges and four resistance ranges. A mirror arc has been included to help eliminate parallax errors from readings. A convenient carrying handle built onto the case can also be used to position the meter for easy reading. Built in a modern high-impact case, the BP model VM-520 is a quality product in both performance and appearance.

SPECIFICATIONS

- **DC Volts:** 0-0.25, 1, 2.5, 10, 25, 100, 250, 1000 volts, 20,000 ohms/volt.
- **AC Volts:** 0-10, 25, 100, 250, 1000 volts, 10,000 ohms/volt.
- **Decibel:** -20 to +22dB.
- **DC Current:** 0-50, 500 uA; 0-5, 50, 500 mA.
- **Ohmmeter:** 0-6 Megohms in 4 ranges, 30 ohms center scale.
- **Power Supply:** One 1.5 V size "AA" battery (incl.)
- **Size:** 5-1/4" x 3-1/2" x 1-1/2". • **Weight:** 1 lb. (incl. battery).
- Optional Case **Model CC-10** **$4.95**

CHARGE IT • VISA • MASTER CARD • AMERICAN EXPRESS • Toll Free 800-645-9518 • NYS Toll Free 800-832-1446

PPG EDUCATIONAL KITS

SIGNAL INJECTOR
MODEL 1002
OUR PRICE $7.95

DESCRIPTION
The 1002 Signal Injector is an important and fundamental piece of test equipment. Thus, it belongs on any serious technician's test bench. The circuit is basically an astable multivibrator or free-running oscillator, and as such it is one of the more popular types of oscillators in use today. The signal injector puts out a 1,500 Hz signal that can be used as an aid in the troubleshooting of audio equipment such as radios, stereos, and tape players

WHAT YOU WILL LEARN:
- R/C timing circuits. • Transistor switching circuits.
- Astable multivibrators.

LOGIC PROGE
MODEL 1005
OUR PRICE $14.95

DESCRIPTION
The PPG Logic Probe is a compact and reliable piece of test equipment to be used with all digital logic families. It gives a clear indication of HIGH OR LOW condition, indicates when a pulse is present at the point of test, and obtains power from the circuit under test. Furthermore, it is portable, easy to use, and inexpensive. It's a must for any serious electronics hobbyist or technican. Operating range - D/C to 100 Hz.

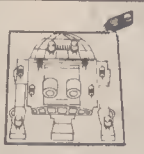
WHAT YOU WILL LEARN:
- 555 timer • TTL and CMOS ICs.
- Logic gates. • LED indicators.

SIREN OSCILLATOR
MODEL 1012
OUR PRICE $14.90

DESCRIPTION
The 1012 Siren/Code Oscilator is really two projects in one. With switch S3 open, the device functions as an excellent code practice oscillator. Pressing S2 produces a tone of unvarying pitch. S2, in turn, could be replaced with a regular code key for serious practice. The project is also a siren. With S3 closed, pressing S2 results in a steadily rising tone from the 8-ohm speaker. When S2 is released, the tone descends in pitch. Thus you control the overall rising and falling pitch of the siren with the closing and opening of S2.

WHAT YOU WILL LEARN:
- Voltage dividers. • R/C timing circuits.
- VCOs (voltage controlled oscillators). • Amplifiers.

ROBOT BLINKER
MODEL 1014
OUR PRICE $9.90



DESCRIPTION
The LED Robot Blinker alternately flashes a pair of LEDs at a rate of about two "blinks" per second. Even though the project is a toy, there is a great deal of electronic knowledge to be gained by understanding how it works. The circuit is basically an astable multivibrator or free-running oscillator, and as such it is one of the more popular types of oscillators in use today. You'll have fun building, displaying, and learning about the LED Robot Blinker.

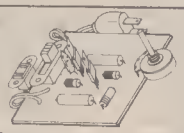
WHAT YOU WILL LEARN:
- Free-running oscillators. • R/C timing circuits.
- Switching transistors. • LEDs.

12-VOLT COLOR ORGAN
MODEL 1042-PPG
OUR PRICE $22.50

DESCRIPTION
The 12-Volt Color Organ is ideal for use with 12-volt battery systems; the kind found in automobiles and vans. The display is dramatic and exciting. Each channel responds to a particular range of audio frequencies, designated low, mild, and high. The light for each channel can be painted different colors with the type of paint used for stained glass windows. It is readily available commercially.

WHAT YOU WILL LEARN:
- Audio transformers. • Filter Networks.
- Switching transistors. • Voltage dividers.

FULL-WAVE MOTOR SPEED CONTROL
MODEL 1062
OUR PRICE $12.95



DESCRIPTION
The Full-Wave Motor Speed Control can be used to vary the speed of a hand drill or other small "brush" type motor. It also makes an excellent lamp dimmer. Since it uses a full-wave circuit, the power variation will be from 0% to 98%, that is the motor or light may be regulated from a completely off condition, to 98% of its maximum speed or brightness. The load limit is 200 watts.

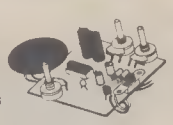
WHAT YOU WILL LEARN:
- SCRs (silicon controlled rectifiers). • Rectification.
- Neon bulbs. • R/C timing circuits. • Power curves.

DIGITAL DICE
MODEL 1068
OUR PRICE $19.95

DESCRIPTION
The Digital Dice is a fun game to play at home or in your car on a long trip. When the player pushes S1 the LEDs display one of the six combinations of the dice.
To make an interesting display increase C1 to 100mfd and short switch S1. It will attract attention and make a good conversation piece. Also, this project looks good if you put a piece of red plastic over the LEDs.
The Digital Dice can be operated by four 1-1/2 volt batteries or by the EKI model 830 (1030) power supply.

WHAT YOU WILL LEARN:
- Logic gates. • Binary numbers. • Clock circuitry
- Presentable binary counters. • Decoder circuitry.

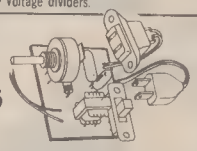
DIGITAL BIRD
MODEL 1078-PPG
OUR PRICE $17.90



DESCRIPTION
There are all kinds of birds in this world, singing all kinds of songs. But neither you nor they have probably heard anything quite like this. The 1078 Digital Bird produces sounds from a "tweeting" canary to a silly chicken, all with he turn of a few pots. It's fun unusual and entertaining. Moreover, the 1078 is a good introduction to sound synthesis; and a knowledge of that could lead you in many exciting directions.

WHAT YOU WILL LEARN:
- Oscillators. • Logic circuits.
- Transistor amplifiers. • Voltage dividers.

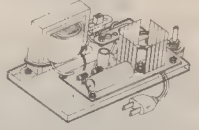
ONE CHANNEL COLOR ORGAN
MODEL 1022
OUR PRICE $12.95



DESCRIPTION
The One Channel Color Organ gives a dramatic effect by flashing a light, or string of lights, to the sound of music. Any FM radio, stereo, phonograph or tape player can be used as a signal source; one just connects the output (speaker leads) directly to the color organ. Up to 150 watts of light, usually in the form of a string of Christmas bulbs, may be employed. That means over 20 bulbs may be placed in a simple enclosure for a truly exciting display.

WHAT WILL YOU LEARN:
- SCRs (silicon controlled rectifiers. • Audio transformers.
- Voltage dividers. • Neon bulbs.

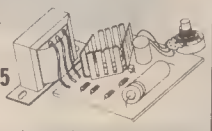
5-24 VOLT REGULATED POWER SUPPLY
MODEL 1060
OUR PRICE $29.95



DESCRIPTION
The 5-24 Volt Regulated Power Supply is just what you need to meet the wide range of power requirements necessary for experimenting, project building, and electronics repair. It provides a fully-regulated voltage at up to 1 ampere over the complete range, 5-24 volts. The 1060 is also "short-out" proof and thermal protected. It is an ideal variable power supply that no electronic hobbyist or repair person should be without.

WHAT YOU WILL LEARN:
- Power transformers. • Rectification.
- Voltage regulation. • Voltage dividers. • Filtering.

0-15 VOLT POWER SUPPLY
MODEL 1030
OUR PRICE $24.95



DESCRIPTION
The 1030 is one of the most useful, low cost, transistor regulated power supplies an experimenter can build. It will supply voltages with the necessary current to run transistor radios, portable tape recorders, electronic games, and a host of PPG projects. The 1030 is a very reliable variable power supply that will give you many years of good service. (300 ma max. output)

WHAT YOU WILL LEARN:
- Rectifiction. • Transformer action.
- Filtering. • Voltage regulation

9-VOLT POWER SUPPLY
MODEL 1028
OUR PRICE $16.95

DESCRIPTION
This handy little power supply is designed to supply 9-volts DC to a host of projects from portable radios to burglar alarms and LED electronic games. Output current is limited to approximately 25mA. The 1028 can also be used to charge 9-volt batteries.

WHAT YOU WILL LEARN: • Voltage dividers.
- Rectification. • Filtering. • Capacitance.

SPACE WAR GUN
MODEL 1003
OUR PRICE $14.95

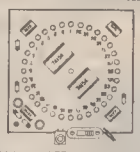
DESCRIPTION
The Space War Gun gives you those realistic sight and sound effects you expect from such a "weapon" at a super low cost. The "gun" can be placed in a rapid-fire or stun (one-shot) mode. In either position two LEDs give a visual indication of impulse frequency while a 8-ohm speaker transmits the audio tone. In both modes a potentiometer allows for quick and easy adjustment of output pitch, or firing rate.
In the rapid-fire mode switch S2 remains closed while the pressing of S1 generates the "rapid fire". In the "stun" condition, S2 is left open and the pressing of S1 produces the output tone

WHAT YOU WILL LEARN:
- Clock circuitry • 555 and 556 timer circuits.
- R/C timing circuits. • VCOs (voltage controlled oscillators).

NERVE TESTER
MODEL 1070
OUR PRICE $12.95

DESCRIPTION
The Nerve Tester is actually two projects in one; both designed to test your ability to remain calm or your "steady-hand" state. One circuit will indicate failure by turning on an LED, the other by giving forth a mild shock. Switch S2 allows you to choose either circuit.
To use, switch S2 to the "A" position. Next, while holding the double-sided circuit board in your hand, try to insert the probe into holes in the metal plate without touching the plate itself. If you touch the metal plate with the probe, the LED will come on and stay on until reset by S1. To use as a shocker or nerve tester, switch S2 to the "B" position and hold the circuit board such that at least one finger is firmly against each copper surface.
This time, instead of the LED going on, the user will receive a shock. The magnitude of the shock may be adjusted by turning R3 up or down.

DIGITAL ROULETTE
MODEL 1058-PPG
OUR PRICE
$34.95



DESCRIPTION
The Digital Roulette will be a sure winner with you, your friends and your relatives. Thirty-two LEDs are arranged in a five-inch circle. When switch S2 is pressed, the LEDs light in sequence—one after another. When S2 is released, the LEDs continue to "rotate" until, a few seconds later, one "stops." The LED in the center comes on every other revolution, adding a bit of excitement to the game. Great for in the home, school, or car. Runs on four 1-1/2 volt "D" cells, or model 830 (1030) power supply

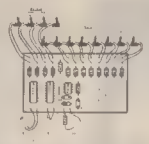
WHAT WILL YOU LEARN:
- Clock circuitry. • Binary numbers.
- Logic gates. • Flip-flops. • Data distributions.

6-DIGIT DIGITAL CLOCK
MODEL 1076
OUR PRICE $39.95

DESCRIPTION
Digital clocks have come along way in the past few years. The first ones had dozens of transistors, two or three ICs and were very expensive. Today, things are a bit different. The PPG Six Digit Digital Clock uses the popular and readily available 5314 chip. Within this large-scale IC is the equivalent of over 450 transistors. It is a true wonder of modern solid-state technology.
The 1076 has many special features such as: 50Hz or 60Hz timebase operation, 12 or 24 hour mode, slow/fast/hold buttons for easy setting, seconds display, color LEDs to separate hours and minutes, and finally bright seven-segment LED displays. This is a clock you will be proud to build and own.

WHAT YOU WILL LEARN:
- Switching transistors • Power transformers • Rectification
- 7-segment displays. • LSI (large scale integration) ICs.

BIG SOUND PORTABLE ORGAN
MODEL 1061
OUR PRICE $24.95



DESCRIPTION
The 1061, far more than a sound generator, is truly a music maker. With four octaves and 29 precisely determined notes the 1061 belong anywhere music is needed; from your parlor or "sitting room" to sporting events and student rallies. And it's accurate loud, and loads of fun. It is definitely a project you will be proud to build and own.
Operation of the 1061 is straight forward; just attach a DC power source ranging from 6 to 12 volts. It should be a well-filtered supply and that is why batteries are recommended.
If you wish a really loud sound remove R1 from the circuit and install a 5 to 15 watt speaker horn in place of Spk. 1. Now everyone will hear what you want to play.

BURGLAR ALARM
MODEL 1006
OUR PRICE $9.90

DESCRIPTION
The 1006 Dual Burglar Alarm is designed to be used with normally open (S3) and normally closed (S2) switches. If, after the alarm is set, (closing S1) the normally closed switch is opened or the normally open switch is closed, the alarm device will sound. It will remain on even if switches S2 and S3 are reset. The only way to turn off the alarm is to open S1. S1 could be a key switch if you prefer. Many types of connections could be used for the N/O and N/C switches. Thumb tacks reed switches, magnetic switches, or security foil are just a few suggestions. And by placing N/C switches in series and N/O switches in parallel, an almost infinite number of areas can be protected. Comes complete with a large 9-volt buzzer.

WHAT YOU WILL LEARN:
- SCR (silicon controlled rectifier).
- Diode operation. • Alarm devices.

DIGITAL SLOT MACHINE
MODEL 1066
OUR PRICE $44.90

DESCRIPTION
The slot machine consists of three seven-segment LED readouts that are made to display a "C" for cherry, an "L" for lemon, an "O" for orange and an "A" for apple. When all three readouts come up with the same letter, four "win" LEDs flash at a 4Hz rate. Pressing the roll button causes all three readouts to cycle very rapidly. When the button is released the left most readout stops first, then the center one, and finally the readout on the right. This creates an added suspense. The odds of getting all readouts to display the same letter, and thus win the jackpot, are one in 64.

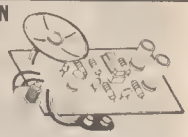
WHAT YOU WILL LEARN:
- Binary numbers. • Logic gates. • Flip-flops.
- Clock circuitry • 7-segment display circuitry

3 CHANNEL, 4 CONTROL COLOR ORGAN
MODEL 1036
OUR PRICE $19.95

DESCRIPTION
The 3-Channel Color Organ gives a dramatic effect by flashing three strings of light (each one a different color) to the sound of music. Each string responds to its own frequency range; one for the low or bass, another for the mid-range, and a third for the high or treble frequencies. Any FM radio, stereo, phonograph, or tape player can be used as a signal source; one just connects the output, (speaker leads) directly to the color organ. Up to 150 watts of light per channel may be used. That is over 20 Christmas lights for each channel, or 60 bulbs in all. When enclosed behind a light diffusing piece of plastic, the display can be very impressive.

WHAT YOU WILL LEARN:
- SCRs (silicon controlled rectifiers). • Audio transformers.
- Voltage dividers. • Neon bulbs. • Filter networks.

AUTOMATIC SIREN (or code practive osillator)
MODEL 1024
OUR PRICE $14.95



DESCRIPTION
Here it is at last—an automatic siren that definitely sounds like the real thing. When switch S1 is closed the siren continuously cycles through the complete high-low oscillation pattern. There is no need to open a switch at the "critical" moment to cause the sound to decay. In addition there are no components to adjust or alter. Put the circuit together, connect a 9-volt battery, turn it on, and you're in business. The output is surprisingly loud and piercing. Use it with a burglar alarm, as an attention getter, or for just plain fun. In any event, the 1024 will give you hours of excitment and satisfaction. Can also be used as a code practice oscillator by removing one jumber wire.

VARIABLE STROBE LIGHT
MODEL 1040
OUR PRICE $19.95

DESCRIPTION
The 1040 is an excellent strobe light that produces a very high intensity, white light for short durations. The speed or flash rate can be varied from one to two per minute to twelve or more per second. It comes with a 5-watt flash-tube which can be used for many hours, even with continuous use. The project can also be converted into a manual strobe for use with camera equipment, etc. The 1040 has many safety and special effects applications. Use it for "stop motion effect" like old-time movies, etc. Great for parties and special effects photography.

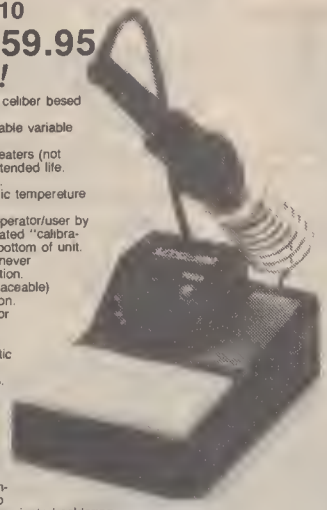
WHAT YOU WILL LEARN:
- Voltage doubler circuits. • Trigger transformers.
- Neon bulbs. • SCRs (silicon controlled rectifiers).

CALL US MONDAY THRU FRIDAY 8:00 AM to 6:30 PM • SATURDAY 9:00 AM to 3:00 PM E.S.T.

UNGAR SOLDERING SYSTEM
MODEL UTC-10

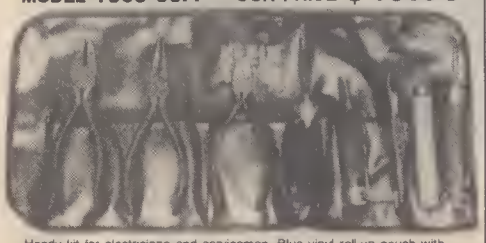
OUR PRICE $59.95

SPECIAL!



- Military specification caliber based on specifications.
- Fully operator-adjustable variable temperature range.
- Thick film/ceramic heaters (not nicrome coils) for extended life.
- Replaceable heaters.
- Closed loop electronic temperature control
- Fully calibrated by operator/user by two conveniently located "calibration port" holes on bottom of unit. User/operator need never open unit for calibration.
- Internally fused (replaceable) for overload protection.
- Power on/off indicator light. • U.L. Listed.
- Rugged high impact flame retardant plastic power base casing with 1/8" thick walls.
- Anti-abrasive and burn resistent 5 ft. long handle cord
- Durable plated iron holder with ceramic mouthpiece.
- Large, quality, synthetic sponge designed and processed to provide safe, uncontaminated soldering.
- Size: 8.75"H x 4"W x 6.50"D. • Weight: 16 oz
- Cool operating handle temperature. • Made in U.S.A
- Tip to ground resistance less than 0.1Ω.
- Macro iron with PL-100 tip. • Variable temp. 400°F to 800°F
- 3-Wire grounded, 120V-AC-60Hz. • Less than 2mV transients on tip.
- Temp stability at idle — less than ±10°F variation.
- One year limited warranty thru Ungar.

KLEIN SEVEN-TOOL KIT
MODEL 1305-33A OUR PRICE $49.95



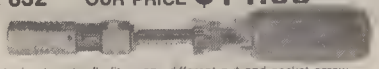
Handy kit for electricians and servicemen. Blue vinyl roll-up pouch with lace tie. This kit contains the following tools:
No. D201-6NE Side Cutting Plier, No. D301-6 Long Nose Plier, No. D202-5 Diagonal Cutting Plier, No. 1550-2 Electrician's Knife, 4" (102 mm) File and Handle, 5" (127 mm) Electrician's Tweezers, No. 19410 6" (152 mm) Screwdriver

KLEIN 4-PLIER KIT
MODEL 1305-4

OUR PRICE $39.95

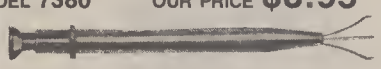
Handy fold-up kit holds four midget pliers. Blue vinyl case with two snaps fits your pocket. Contains the following tools: No. D257-4 Diagonal Cutting Plier No. D321-4½ Long Nose Plier, No. D224-4½C End Cutting Plier, No. D323-4½ Flat Nose Plier.
Size Closed: 7 x 2-3/4 x 1" (178 x 70 x 25mm)

KLEIN DRIVE-A-MATIC NUT DRIVER
MODEL 632 OUR PRICE $14.95



The single tool automatically fits many different nut and socket screw sizes. Eliminates hunting for the right driver. Hex head adjusts to the proper size as you turn it. Will drive or loosen hex nuts from 1/4" (6.4 mm) to 7/16" (11.1 mm) and hex-head screws from No. 6 to 1/4" (6.4 mm). Tough plastic handle with comfort grip to protect hands, makes turning easy.

PARTPICKER
MODEL 7380 OUR PRICE $3.95



For small hard-to-handle pieces. Smooth one-hand action.

KLEIN MAGNETIC SCREWDRIVER WITH FOUR BITS
MODEL 19510 OUR PRICE $9.95

MODEL 19520 OUR PRICE $12.95

Magnetic tip holds bit and screw securely. Extra bits stored in special compartmented handle. Fluted handle of durable plastic provides comfortable grip. Supplied with No. 1 end No. 2 Phillips bits and two slotted bits for screw sizes No. 3 through No.8. **Model 19510:** Blade Length 3 3/4" (95 mm), Overall Length 8" (203 mm). **Model 19520:** Blade Length 7" (178 mm), Overall Length 11 5/16" (287 mm).

UNGAR EXTRACTOR PLIERS
MODEL 6980

OUR PRICE $16.95

2 FOR $30.00

Extracts DIP's from sockets and desoldering printed circuit boards

FEATURES
- DIP's easily removed — spring loaded, self activating one hand operation.
- Versatile — removes 4-48 pin DIP's.
- Lifts DIP's vertically. Does not bend leads.

X-ACTO X-TRA HANDS WITH MAGNIFIER
MODEL 7517

OUR PRICE

$16.95

2X magnification—holds work firmly in any position to leave hands free. Double ball joints for adjustment at any angle.

BP DESOLDERING PUMP
MODEL DS-110-BP OUR PRICE $6.95

Your universal desoldering pump provides ample vacuum for most desoldering requirements, and is designed for one-hand operation during rework or removal of all electronic circuit components. For comfort and ease of loading, the vacuum stroke can be adjusted to fit you individual load span (hand extension) requirements.

KLEIN BALL PEIN

High-carbon steel head, drop-forged and hardened. Crowned face with uniform bevel. Smoothly rounded pein. Straight- grain hickory handle, stained and lacquered.

Model	Head Weight	Overall Length	Our Price
803-8	8oz. (277g)	13" (330mm)	$14.95
803-12	12oz. (340g)	13½" (343mm)	14.95
803-16	16oz. (454g)	14½" (368mm)	16.95

BP SOLDERING IRON HOLDER & TIP CLEANER
MODEL SK-533

OUR PRICE $6.50

Here's a tip on protecting you soldering iron. The metal cage holds and protects the iron between soldering intervals while the outer coil stays cool to prevent burns. Attaches conveniently to the sponge tray. The sponge helps to prolong tip life by removing excess solder. This gives you a smoother and more efficient application of heat every time. Accepts irons up to 3/4" in diameter.

GC ELECTRIC STANDARD TV ALIGNMENT TOOL KIT
MODEL 8455

OUR PRICE

$12.95

Made to last and wear—a quality kit. Kit contains the following essential tools in roll type case: **5004:** Adjustment screwdriver. **5097:** K-Tran tool. **8195:** TV channel tuning tool. **8196:** TV-FM tuning tool **8271:** Core aligner **8273:** TV aligner **8274:** Long aligning tool. **8275:** Universal aligner. **8276:** Duplex aligner

BP DESOLDERING/SOLDERING IRON
MODEL FH-80

OUR PRICE $9.95

SPECIAL!

- Lightweight, easy to carry, portable desoldering/soldering iron
- 45 Watts
- 120 Volts.

KLEIN TOOL POUCHES
MODEL 5168

Slotted Pouch. Fits belts up to 2"(51mm) wide. Overall Size: 9" x 11"

OUR PRICE

$15.95

MODEL 5168T

Same as above but with tunnel loop to fit belts up to 3"(78mm) wide.

OUR PRICE

$16.95

This extra-spacious tool carriers are contoured to fit the hip for added comfort. Large utility pocket provides ample room for assorted tools. A smaller utility pocket, two plier pockets, two screwdriver pockets, a chain tape thong and knife snap are provided. Available in slotted or tunnel loop style. Made of leather.

KLEIN TOOL POUCH
MODEL 5178

OUR PRICE

$26.95

A roomy pouch for electricians, servicemen, and maintenance workers. Five large utility pockets for a wide variety of tools such as pliers, wrenches, wire cutters. Smaller pockets for screwdrivers, scratch awls. Knife snap, chain tape thong, and tape rule holder are conveniently located on the front.

KLEIN TOOL POUCH
MODEL 5190

OUR PRICE

$15.95

Here is a versatile pouch favored by many telephone installers. This pouch is riveted throughout to assure long life. Ten separate compartments provide pieces for a wide variety of pliers, screwdrivers and other tools. Has ring and tape thong. Slotted pouch. Fits belts up to 1¾"(44mm) wide. Overall size 6" x 8¾" (15x22cm). Made of leather.

TOOL KITS

WELLER XCELITE SERIES "99" PLASTIC VIEW KITS

Each set contains a Series "99" regular handle and various Series "99" interchangeable blades and extension. Plastic case with see-thru cover is pocket-size. Flat base permits use as a bench stand.

(A) HEX SOCKET SCREWDRIVER SET
MODEL 99PS-40 OUR PRICE $24.50
Includes nine Allen hex type screwdriver blades (99-20 thru 99-26), 99-X5 extension blade, 99-1 handle.

(B) METRIC HEX SOCKET SCREWDRIVER SET
MODEL 99PS-41MM OUR PRICE $24.50
Includes seven metric Allen hex type blades (99-71MM thru 99-77MM in min. sizes 1.27, 1.5, 2, 2.5, 3, 4, 5), 99-X5 extension blade, 99-1 handle and plastic case with see-thru cover.

(C) BALLPOINT HEX SOCKET SCREWDRIVER SET
MODEL 99PS-40BP OUR PRICE $36.50
Includes nine Ballpoint Allen hex type screwdriver blades (99-20BP thru 99-26BP), 99-X5 extension blade, 99-1 handle.

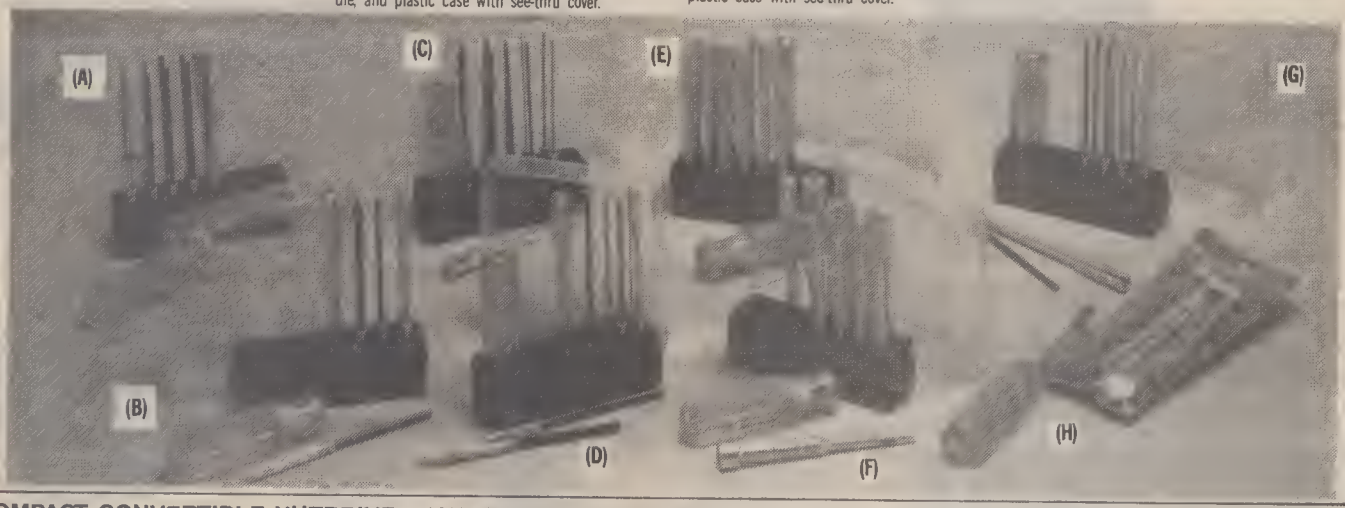
(D) METRIC BALLPOINT HEX SOCKET SCREWDRIVER SET
MODEL 99PS-41MMBP OUR PRICE $27.95
Includes seven screwdriver blades (99-71MMBP thru 99-77MMBP in mm. sizes 1.27, 1.5, 2, 2.5, 3, 4, 5), 99-X5 extension blade, 99-1 handle, and plastic case with see-thru cover.

(E) NUTDRIVER/SCREWDRIVER SET
MODEL 99PS-50 OUR PRICE $29.95
Includes seven regular nutdriver blades (99-6 thru 99-12), two slot tip screwdriver blades (99-811 and 99-250), two Phillips screwdriver blades (99-821 and 99-822), 99-X5 extension blade, 99-1 handle.

(F) METRIC NUTDRIVER SET
MODEL 99PS-51MM OUR PRICE $32.50
Includes 10 metric nutdriver blades (99-4 thru 99-11 in mm. sizes 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11), 99-X5 extension blade, 99-1 handle, and plastic case with see-thru cover.

(G) BRISTOL MULTIPLE-SPLINE TYPE SCREWDRIVER SET
MODEL 99PS-60 OUR PRICE $24.50
Includes nine Bristol Multiple-Spline type screwdriver blades (99-61 thru 99-69), 99-X5 extension blade, 99-1 handle.

(H) SCRULOX® SCREWDRIVER SET
MODEL 99SL OUR PRICE $14.95
Contains four Scrulox screwdriver blades for square recess screws (99SL 0, 1, 2, 3), one slotted blade (99-250), 99-1 handle (regular).



COMPACT CONVERTIBLE NUTDRIVER AND SCREWDRIVER SETS

Black plastic torque amplifier handle (1" x 3-1/8") slips over handles of pocket size (3-1/2") nutdrivers and screwdrivers. Provides larger grip, extends reach and increases driving power to that of standard size tools. Plastic case with see-thru cover fits pocket, stands upright on bench.

(I) SCREWDRIVER/NUTDRIVER SET
MODEL PS-7 OUR PRICE $14.95
Contains two nutdrivers (1/4" and 5/16"), two slot tip screwdrivers (3/16" and 3/32"), two Phillips screwdrivers (#0 and #1), torque handle.

(J) SCREWDRIVER/NUTDRIVER SET
MODEL PS-130 OUR PRICE $21.50
Contains two Phillips screwdrivers (#1 and #2), three sloted screwdrivers (1/8", 3/16" and 1/4"), five nutdrivers (3/16", 1/4", 5/16", 11/32" and 3/8"), torque handle.

(K) SCREWDRIVER SET
MODEL PS-88 OUR PRICE $16.50
Contains five slot tip screwdrivers (3/32", 1/8", 5/32", 3/16", 1/4"), three Phillips screwdrivers (#0, 1, 2), torque handle.

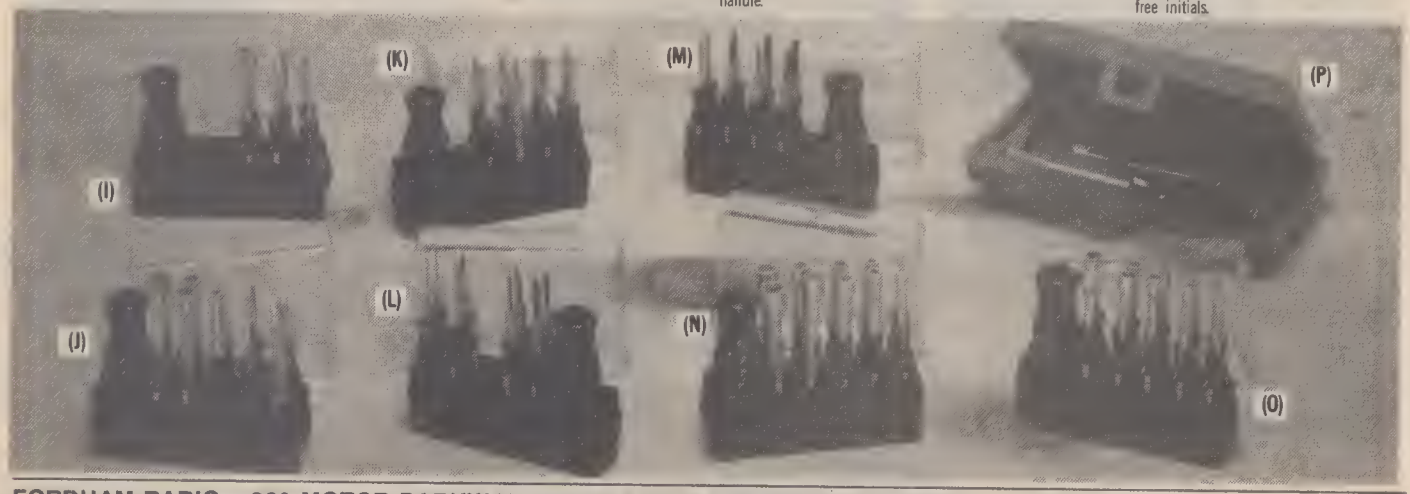
(L) HEX SOCKET SCREWDRIVER SET
MODEL PS-89 OUR PRICE $15.50
Contains eight Allen hex type screwdrivers (hex sizes .028", .035", .050", 1/16", 5/64", 3/32", 7/64", 1/8"), torque handle.

(M) METRIC HEX SOCKET SCREWDRIVER SET
MODEL PS-90MM OUR PRICE $17.50
Contains eight drivers (hex sizes .89mm, 1.27mm, 1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm), torque handle.

(N) NUTDRIVER SET
MODEL PS-120 OUR PRICE $19.95
Contains 10 color coded nutdrivers (3/32" thru 3/8"), torque handle.

(O) METRIC NUTDRIVER SET
MODEL PS-121MM OUR PRICE $24.95
Contains 10 drivers (hex sizes 3mm, 3.5mm, 4mm, 4.5mm, 5mm, 5.5mm, 6mm, 7mm, 8mm, 10mm), torque handle.

(P) MIDGET REVERSIBLE RATCHET OFFSET SCREWDRIVER SET
MODEL XL-70 OUR PRICE $39.95
Contains 12 Allen hex type screw bits (.050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16"), two slotted screw bits (1/4", 3/16"), two Phillips screw bits (#1 and #2), 1/4" hex to 1/4" square adaptor bit, 3-3/4" reversible ratchet, 6" spinner/extension with 1/4" square insert in handle-end for use with adaptor bit and ratchet, molded plastic case with free initials.



XCELITE ATTACHE TOOL CASE

MODEL TCM-100/ST REG. $499.95 OUR PRICE $399.95

Largest, most elaborate of the three cases. Contains 53 individual tools, 31 Series 99® interchangeable screwdriver/nutdriver blades and handles, and 2 specialized screwdriver/nutdriver sets and kits, as listed. Case (19½ x 13½ x 6¾") covered with attractive, tough, heavy duty ABS material. Removeable three-panel, hinged pallet and tray outfitted with pocket tool holders. Solid brass locks, latches, and hardware. Padded handle. Partitioned bottom oompartment for other tools.

CONTENTS

Interchangeable Screwdrivers, Nutdrivers, Other Tools and Handles
99-1, 1-R, & 4-R Handles (regular, straight and Tee ratchets).
99X5 & X10 Extensions. **99-38** Reamer.
99-61 thru 68 Bristol 6-flute multiple spline blades (9).
99-20 thru 26 & 99-765 Allen hex-socket type blades (9).
99-125, 250, 312 & 811 Slotted screw blades.
89-820, 821 & 822 Phillips screw blades.

Pliers, Wrenches, Cutters
42H Straight nose Seizer®. **46CG** Adjustable wrench (6").
50CG Midget slip joint plier (5"). **51CG** Long nose plier (6½").
53CG Utility plier (7"). **86CG** Electronic snips.
54CG & 68CG Diagonal pliers (4" & 8")
57CG Needle nose plier (5½"). **59CG** Chain nose plier (8").
103-S Wire stripper/cutter. **K-22** Electrician's knife.

Sets and Kits
M-60 Mini Drivers. **XL-75** Offset ratchet screwdrivers.
600 Combination dual nutdriver handle and SB1 dual reversible screwdriver blade.

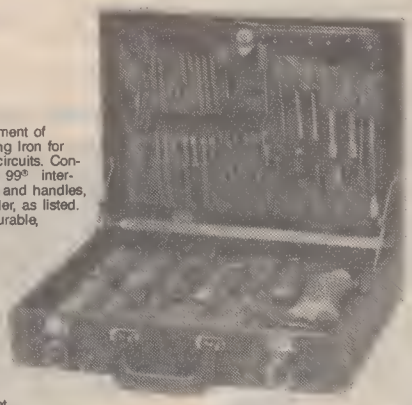
Screwdrivers
R-144 Slotted screws. **R-146** Slotted screws.
R-181 Slotted screws. **R-184** Slotted screws.
R-3164 Slotted screws. **R-3323** Slotted screws.
R-5325 Slotted screws. **R-5166** Slotted screws.
R-3161 Slotted screws. **R-5161** Slotted screws.
R-3166 Insulated Slotted screws. **R-388** Slotted screws
SX-101 Phillips screws. **XST-100** Phillips screws.
XST-101 Phillips screws. **XST-102** Phillips screws.
P-18 & P-19 (.028 & .035) compact oonvertible hex socket screws.

Nutdrivers
HS-6, 8, 10, 11, 12, 14, 16, 18 Hollow shaft 8M and 10M magnetic.
P3 thru P12 Compact convertible drivers (10) and TA-2 torque amplifier handle.

XCELITE ATTACHE TOOL CASE

MODEL TC-150/ST
REG. $365.00

OUR PRICE $309.95



A carefully selected, intermediate assortment of Xcelite hand tools plus Weller® Soldering Iron for those making field repairs to electronic circuits. Contains 24 individual hand tools, 24 Series 99® interchangeable screwdriver/nutdriver blades and handles, measuring tape, soldering iron, and solder, as listed. Case (18¾ x 13½ x 5") covered with durable, whiskey-tan Marvelon. Removeable pallets in lid and base outfitted with tool pockets. Base has ample room for addl-tional, personally selected tools, with 14 x 9½" partition. Solid brass hardware and padded handle.

CONTENTS

Interchangeable Screwdrivers, Nutdrivers, Other Tools and Handles
99-1 & 99-4 Handles (regular and Tee)
99X5 Extensions
99-20 thru 28 & 99-764 Allen hex-socket type blades (9)
89-6 thru 12 Hex nutdriver blades (7)
99-250 & 99-811 Slotted screw blades
99-821 & 822 Phillips screw blades
99-38 Reamer

Pliers, Wrenches, Cutters
42H Straight nose Seizer®
46CG Adjustable wrench (6")
50CG Midget slip joint plier (5")
51CG Long nose plier (6½")
53CG Utility plier (7")
54CG Diagonal pliers (4" & 6")
55CG 5" diagonal
57CG Needle nose plier (5½")
59CG Chain nose plier (8")
86CG Electronic snips
101-S Wire stripper
K-22 Electrician's knife

Screwdrivers
R-181 Slotted screwdriver
R-164 Slotted screwdriver
R-3323 Slotted screwdriver
S-3161 Slotted screwdriver
S-5181 Slotted screwdriver
S-5168 Slotted screwdriver
SX-101 Phillips screws

Nutdrivers
HS-14 & HS-16 Hollow shaft 8M and 10M magnetic

Offset Ratchet Screwdrivers
XL-75 5-piece set in see thru plastic pouch

4-Way Pocket Tool 600 Combination dual nutdriver handle

Soldering Equipment
WP-25 20 watt soldering iron
RC-60 Rosin oore solder

Tapes
W9210ME 10-foot tape

VACO SUPER CASE

MODEL 70260

OUR PRICE $369.95

Popular assortment of 48 precision engineered tools. Includes screwdrivers, nutdrivers, electrical tools, pliers and specialty tools on two custom-fitted pallets. Ample storage space in bottom for meters, power tools and other equipment. Large pocket in lip holds catalogs, manuals, guides. Sturdy attache style case. Size: 19 x 14-1/2 x 6". Weight: 20 lbs. Color: Black

These Fine Quality Tools are Included

Electrical Tools & Testers
WS-150 Adjustable wire stripper & cutter
1963 Crimping tool with bolt slicer
70008 Continuity tester with wire lead & clip
70219 100-500 volt twin lead tester
70129 100-500 volt circuit tester
AN2 RF tester

Hollow Shaft Nut Drivers
S6 3/16" socket, black handle
S8 1/4" socket, red handle
S10 5/16" socket, amber handle
S11 11/16" socket, green handle
S12 3/8" socket, blue handle
S14 7/16" socket, brown handle
S18 1/2" socket, red handle

Problem Solving Tools
70128 8 ft. measuring tape
HK-17 Folding hex key wrench set
P120 Phillips tips offset screwdriver
VO2 Slotted tips offset screwdriver
TT31 3-in-1 tapping tool
ST49 Spring tool
220 External snap ring plier
700035 Magnetic screwdriver

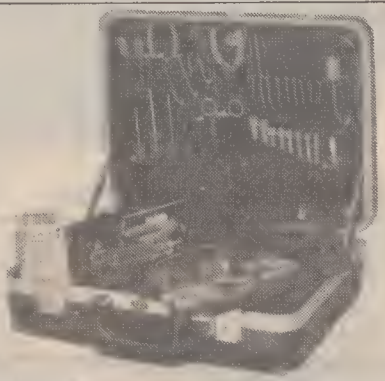
Pliers and Wrenches
88202 5" diagonal pliers
88203 6" diagonal pliers
88102 6" long needle nose plier
88105 6" long nose pliers
88602 6-1/2" Vacugruv adjustable pliers
70301 4" electronic chain nose pliers
70303 4" electronic diagonal pliers
7706 6" adjustable wrench
1214 3/8 x 7/16" ratchet box wrench

Screwdrivers
A130 2-1/8" slotted driver
A132 1/4" slotted stubby driver
BD144 1/4" Bull Driver
P1 #1 & **P2** #2 Phillips drivers
P6 #1 Phillips stubby driver
74164 1/4" slotted cushion grip driver
71002 #2 Phillips cushion grip driver
R10 #1 square recess driver
R20: #2 square recess driver
CH540: 5/32" clutch head driver
F710: Frearson driver
DU2 3/16" slotted x #1 Phillips reversible blade driver
DUH4 1/4" slotted x #2 Phillips reversible blade driver
K23 1/8" slotted tip screw holding driver
K34 3/16" slotted tip screw holding driver
K46 1/4" slotted tip screw holding driver
K15 Phillips tip screw holding driver

FORDHAM COMPUTER & ELECTRONIC TECHNICAL TOOL KIT

MODEL FTK-24

OUR PRICE $499.95



These Fine Quality Tools are Included
WM120 Weller Soldering Iron
52CG Long Nose Pliers
101S Wire Stripper & Cutter
108CG Diagonal Full Flush Cutting Pliers
91CG Extra Thin Long Needle Nose
72CG Midget Chain Nose
X100 –1 Phillips
R3166 3/16" Screwdriver
R-184 1/8" Screwdriver
X101 #2 Phillips
R5166 5/16" Screwdriver
R-144 1/4" Screwdriver
8725 Illuminated Dental Mirror
DS-017 Deluxe Soldavac
XD18 Extractor Pliers
99-1 Handle
89-61 thru 99-66 Bristol 6-Flute Multiple Spline Driver Blade Set
99-21 thru 99-26 Allen Hex Socket Type Screwdrivers
L8M 1/4" Extra Long Magnetic Nutdrivers
L10M 5/16" Extra Long Magnetic Nutdrivers
K22 Knife
XL75 Midget Ratchet Offset Kit
TS600 Precision Screwdriver Kit
7950 Three GC Tweezer Kit
HD100A Heavy Duty Clip Leads
99-6 3/16" Nutdriver Blade
99-7 7/32" Nutdriver Blade
99-8 1/4" Nutdriver Blade
99-8 9/32" Nutdriver Blade
99-10 5/16 Nutdriver Blade
89-11 11/32" Nutdriver Blade
99-12 3/8" Nutdriver Blade
99-14 7/16" Nutdriver Blade
89-18 1/2" Nutdriver Blade
FH-80 Desoldering Tool
80V Heat Sink
BCR10 Solder Cream
DS-1 Dispenser Pack Solder
AA, AB, & BB Solder Wick
42-H Xcelite Seizers
78CG Combination Slip-Joint Pliers
DP51 B&K Digital Probe
MOS 1416 DIP IC Insertion Tools with Pin Straightener (14-16 Pin)
MOS 2428 DIP IC Insertion Tools with Pin Straightener (24-28 Pin)
INS 1416 DIP IC Insertion Tools with Pin Straightener (14-16 Pin)
TC-6800 Tool Case 18 x 13 x 5-3/4"
DVM-632 New Soope Meter!

FORDHAM GENERAL ALL PURPOSE TOOL KIT

MODEL FTK-25

OUR PRICE $349.95

These Fine Quality Tools are Included
5004 Alignment tool
8276 Alignment tool
8337 Burnisher
9338 Burnisher
1000 Crimp tool
26A Feeler gauge
225 Disposable penlight
01-104 4oz. Ball pein hammer
99-1 Handle 4-1/8"
99-20 .050" Hex blade
99-21 1/16" Hex blade
99-22 5/64" Hex blade
99-23 3/32" Hex blade
99-24 1/8" Hex blade
99-25 5/32" Hex blade
99-26 3/16" Hex blade
99-764 7/64" Hex blade
99-964 9/64" Hex blade
1123 5" Straight hemo
299 Electric knife
SH-133 Mirror
89-8 3/16"Nutdriver blade
99-7 7/32" Nutdriver blade
99-10 5/16" Nutdriver blade
99-8 1/4" Nutdriver blade
99-11 11/32" Nutdriver blade
99-12 3/8" Nutdriver blade
99-14 7/16" Nutdriver blade
99-16 1/2" Nutdriver blade
984 Oiler
45-600 5" Diagonalcutter
4003 4" Diagonal cutter
4000 Short nose plier
21R Snapring plier
22R Snapring plier
45-505 10" Grove joint plier
45-606 Long nose plier
5109 Jeweler's screwdriver set
V01 Offset screwdriver
1022P 0 pt. Phillips screwdriver
1033P 1 pt. Phillips screwdriver
1044P 2 pt. Phillips screwdriver
S1041P 2 pt. Stubby screwdriver
R3323 3/32 x 3 Screwdriver
1028R 1/8 x 8 Screwdriver
1034R 3/16 x 4 Screwdriver
1044R 1/4 x 4 Screwdriver
1056R 5/16 x 6 Screwdriver
R5323 5/32 x 3 Screwdriver
1041SQ Stubby screwdriver
1736 Holding screwdriver
1925C Electrician scissor
7760 Handle
1236 Element and tip
SH20C Soldering aid
1120 Solder brush
S-100 Solder roll
89-61 0.048/1.22mm Splinedriver blade
99-62 0.060/1.52mm Splinedriver blade
99-63 0.069/1.75mm Splinedriver blade
99-64 0.072/1.82mm Splinedriver blade
99-65 0.076/1.93mm Splinedriver blade
99-68 0.096/2.43mm Splinedriver blade
825 Push and pull spring hook
AA Tweezer
100 Wire stripper
704 4" Adjustable wrench
68-508 8" Adjustable wrench
92-160 Ignition wrench set
91-112 1/4" Drive socket set
74B 3/32 Canter punch
75A 1/16 Pin punch
75C 1/8 Pin punch
301MM 8" Ruler
TC-6808 Tool Case

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COMPLETE TOOL KITS

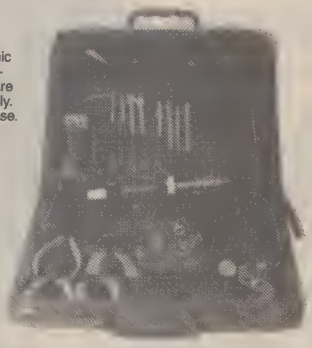
FORDHAM COMPACT TOOL KIT *With A Padded Zipper Case*

MODEL FTK-16

OUR PRICE $179.95

Size: 12" x 10" x 2-1/2".

Ideal for field engineers, radio-TV repairmen and electronic technicians. This kit is designed for the professional electronic technician or field engineer. Basic tools in the kit are from Xcelite allowing for additions to be added quite easily. The tools are furnished in an attractive padded zipper case.



These Fine Tools Are Included:

8454 Alignment tool set 5 pcs
9336 Burnishing tool
K-22 Knife, precision type
99-2 3" plastic handle
99-1 4" plastic handle
99-8 1/4" nutdriver blade
99-10 5/16" nutdriver blade
99-12 3/8" nutdriver blades
72CG 5" chain nose plier
52CG 6" long nose plier
84CG 4-1/4" diagonal cutter plier
53CG 6" utility type plier
99-811 Regular screwdriver 3/16" blade
99-250 Regular screwdriver 1/4" blade
99-312 Regular screwdriver 5/16" blade
99-821 #1 Phillips blade screwdriver
99-822 #2 Phillips blade screwdriver
X100 #0 Phillips miniature screwdriver
TS600 Jeweler type .025 tp 0.1" screwdriver set
WP-25 20W Soldering iron.
DS-1 60/40 solder coil.
99-61 - 99-66 6 pcs. .048-.096 spline driver blade set. **44CG** 4" adjustable wrench.
101-S Wire stripper with adjustable stop screw end spring
SLK-7 7 pcs. Allen hex key type wrench set. **VOM test instrument** 2K per volt sensitivity
9073 Fork tip end brush solder aid. **ZP-5** Padded zipper case with retractable handles

SOLDERING & SERVICEMAN'S AID KIT

MODEL FTK-17

OUR PRICE $169.95

These Fine Quality Tools Are Included:

US140 Universal Soldapullt
9069 Reamer & Scraper Tip
9074 Brush & Scraper Tip
AA Solder Wick
AB Solder Wick
BB Solder Wick
FH-80 Desoldering Tool
WM120 Pencil Thin Soldering Station
91CG Extra Thin Long Needle Nose
108CG Diagonal Full-Flush Cutting Pliers
101S Wire Stripper & Cutter
HD100A Heavy Duty Clip Leads
K22 Knife
DS-1 Dispenser Pack Solder
BCR10 Solder Cream
99-1 Handle
99-6 1/4" Nutdriver Blade
99-10 5/16" Nutdriver Blade
99-12 3/8" Nutdriver Blade
99-14 7/16" Nutdriver Blade
99-821 #1 Phillips Screwdriver Blade
99-822 #2 Phillips Screwdriver Blade
99-125 1/8" Slotted Screwdriver Blade
99-250 1/4" Slotted Screwdriver Blade
DP-1 Pen Lite
99X10 10" Extension
ZP-5 Padded zipper case with retractable handles 13" x 10" x 2-1/2".
5090P Shockproof Inspection Mirror

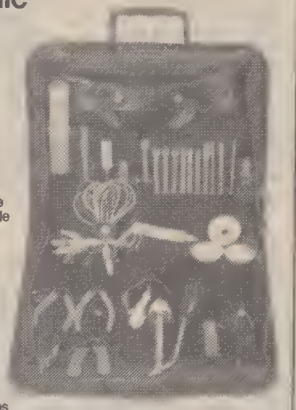
DELUXE SOLDERING & ELECTRONIC TECHNICIAN SERVICE KIT

MODEL FTK-18

OUR PRICE $199.95

These Fine Quality Tools Are Included:

WP40 Weller Soldering Iron
9073 Brush & Forked Tip
9075 Straight Reamer & Forked Tip
AA Solder Wick
AB Solder Wick
BB Solder Wick
XD16 Extractor Pliers
DS1 Solder (Dispenser Pack)
DS40 Professional Desoldering /Repair Tool
91CG Extra Thin Long Needle Nose
101S Wire Stripper & Cutter
108CG Diagonal Full-Flush Cutting Pliers
80V Heat Sink
US140 Desoldering Tool
BCR10 Solder Cream
K22 Knife
HD100A Clip Leads
DP-1 Pen Lite
99-6 3/16" Nutdriver Blade
99-7 7/32" Nutdriver Blade
99-8 1/4" Nutdriver Blade
99-9 9/32" Nutdriver Blade
99-10 5/16" Nutdriver Blade
99-11 11/32" Nutdriver Blade
99-12 3/8" Nutdriver Blade
99-811 3/16" Screwdriver
99-250 1/4" Slotted Screwdriver Blade
99-821 #1 Phillips Screwdriver Blade
99-822 #2 Phillips Screwdriver Blade
99X5 4" Extension
99-1 Regular Handle For 99 Series
ZP-5 Padded zipper case with retractable handles 13" x 10" x 2-1/2"



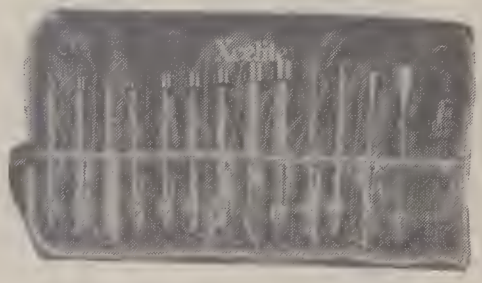
XCELITE ROLL KIT

MODEL 99-PR

OUR PRICE $37.50

DESCRIPTION

Contains nine regular nutdrivers (99-6, 7, 8, 9, 10, 11, 12, 14 and 16), 99-811 and 99-250 (slotted) and 99-821 and 99-822 (Phillips) screwdriver blades, 99-1 handle (regular), 99K plastic fabric case.



VACO SUPER ZIP

MODEL 70390 **OUR PRICE $179.95**

This compact assortment holds 36 popular professional tools. Includes interchangeable 90 Series handle and screwdriver, nutdriver and hexdriver blades plus pliers, electrical tools and offset and regular screwdrivers. Zippered vinyl case is tough and lightweight. Measures: 12-1/2 x 10-1/4 x 1-3/8". Shipping Weight: 6 lbs.

THESE FINE QUALITY TOOLS ARE INCLUDED

Handles and Extension
90-1 Full size handle.
90-x10 10" blade extension.

Screwdriver Blades
90-611 3/16" slotted.
90-250 1/4" slotted.
90-821 #1 Phillips.
90-822 #2 Phillips.

Nutdriver Blades
90-6 3/16" socket.
90-8 1/4" socket.
90-10 5/16" socket.
90-11 11/32" socket.
90-12 3/8" socket.
90-14 7/16" socket.
90-16 1/2" socket.

Hex Blades
90-20 .050" hex.
90-21 1/16" hex.
90-22 5/64" hex.
90-23 3/32" hex.
90-764 7/64" hex.
90-24 1/8" hex.
90-964 9/64" hex.
90-25 5/32" hex.
90-26 3/16" hex.

Screwdriver
PO1 #0 Phillips

Screw Holding Drivers: **K23** 1/8 x 3" slotted tip. **K15** Phillips tip.
Offset Screwdrivers: **VO1** Slotted. **P120** Phillips

Pliers and Wrenches
70277 Electronic 4" diagonal plier. **70260** Electronic 5" long reach plier. **66105** 6" long nose plier.
88601 5" Vacgruv adjustable plier. **66602** 6-1/2" Vacgruv adjustable pliers.
70195 External snap ring plier. **7704** 4" adjustable wrench.

Electrical Tools & Testers.
WS150 Adjustable wire stripper & cutter. **1963** Crimping tool with bolt slicer

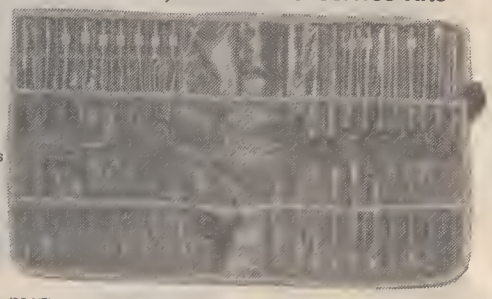
XCELITE *Series "99" Handles, Blades and Service Kits*

MULTI-PURPOSE TOOL KIT

MODEL 99-MP

OUR PRICE $96.50

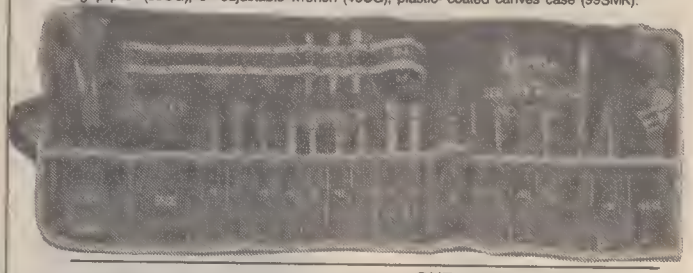
40-piece kit contains 99-1 (regular) and 99-4 (tee) handles, nine regular nutdrivers (99-6 thru 99-16), 99-8M magnetic nutdriver, nine Allen hex type screwdrivers (99-20 thru 99-26), nine Bristol Multiple Spline screwdrivers (99-61 thru 99-69), four slotted screwdrivers (99-125, 99-811, 99-250, 99-312), three Phillips screwdrivers (99-820 thru 99-822), reamer (99-38), extension blade (99-X5), canvas case (99 MPK).



SERVICE MASTER TOOL KIT

MODEL 99-SM **OUR PRICE $74.95**

24-piece kit contains 99-1 (regular) and 99-3 (stubby) handles, nine regular and three stubby nutdrivers (99-6 thru 99-16), two slotted screwdrivers (99-811, 99-250), two Phillips screwdrivers (99-821 and 99-822), one reamer (99-38), extension blade (99-X10), 6" long nose cushion grip plier (52CG), 5" diagonal cushion grip plier (55CG), 6" adjustable wrench (46CG), plastic- coated canvas case (99SMK).



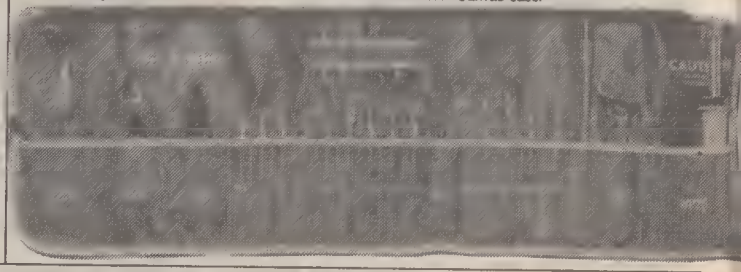
SERVICE KIT

MODEL 99SMW **OUR PRICE $109.95**

Plastic-coated cover holds 26 piece set of handles and interchangeable screwdriver, nutdriver and other blades plus wire stripper and cutter and Weller® soldering iron.

CONTENTS

- WP25—Soldering iron.
- ST3—Tip.
- 100-X—Wire stripper and cutter.
- 52CG—6" long nose cushion grip plier.
- 55CG—5" diagonal cushion grip plier.
- 46CG—6" thin-pattern cushion grip adjustable wrench.
- 99-1—Regular handle.
- 99-3—Stubby handle.
- 99-6 thru 99-16—Regular nutdrivers (9).
- 99-821, 99-822—Phillips screwdrivers.
- 99-S8, 99-S10, 99-S12—Stubby nutdrivers.
- 99-811, 99-250—Slotted screwdrivers.
- 99-38—Reamer.
- 99-X10—Extension blade.
- 99MWK—Canvas case.



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HITACHI 35 MHz DUAL TRACE OSCILLOSCOPE

MODEL V-355
PROBES INCLUDED
REG. $899.95

OUR PRICE $599.95

DESCRIPTION

Hitachi's new scope provides an unbeatable combination of lightweight scope and high performance that's destined to set new standards in cost plus performance. Its thin, light, compact design features a large 6 inch rectangular, internal graticule CRT, with percent calibrations, autofocus, scale illumination and photographic bezel.

2kV. **Focus Adjustment automatic. Exter-**
nput Impedance 47 Ω (typ). **Max Imput**
L DEFLECTION Sensitivity 5 mV/div to
using x5 amplifier) Uncalibrated continous
ng). **Uncal Lamp** Front panel lamp indicates
-3 dB (at 8 div) DC to 7 MHz, -3 dB (at 8
ification). **Signal delay line** Permits viewing
Vp-p or 300Vp-p (DC + AC peak at 1 kHz)
ect 1M Ω approximately 30 pF **Operating**
y. **X-Y Operation** CH1: X-axis, CH2: Y-axis.
to 1V/div). **Phase Difference** DC to 50 kHz
e 8 div or more **CH1 output** Provided to
r. **Output voltage** 20 mV/div or more. **Fre-**
Approx 50 Ω. **HORIZONTAL DEFLECTION**
CH1, CH2, V-MODE), LINE, EXT. **Trigger**
) **External** 1 VP-p or more (vertical sync
.5 div, **External** 200 mV, **Trigger Sensitivity**
w bandwidth 25 Hz **Trigger slope** ±. **Ex-**
F. **Maximum input voltage** 300 V (DC + AC
rated steps, Uncalibrated continous control
al lamp Front panel lamp indicates the un-
mum sweep time 20 ns/div. **CALIBRATOR**
Voltage 0.5 V±3%. **POWER RE-**
0/60 Hz Approx. 45W. **DIMENSIONS** 310(W)
operation 0 to +40° **Rated range of use**
T-10AK 1.5 probes (10:1 1:1). . .2, Power

Pocket Clip Style

Price
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$3.60
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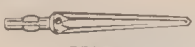
Price
$3.95
3.95
$3.95
3.95
3.95

(Working length 4" or 101.60mm)

99-20	.050"	$2.75
99-21	1/16"	2.75
99-22	5/64"	2.75
99-23	3/32"	2.75
99-764	7/64"	2.75
99-24	1/6"	2.75
99-964	9/64"	2.75
99-25	5/32"	2.75
99-26	3/16"	2.75
99-71MM	1.27mm	3.50
99-72MM	1.5mm	3.50
99-73MM	2mm	3.50
99-74MM	2.5mm	3.50
99-75MM	3mm	3.50
99-76MM	4mm	3.50
99-77MM	5mm	3.50

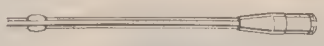
(Working length 3-7/8")

99-G532	5/32"	$3.50
99-G316	3/16"	3.50



REAMER
(Working length 4-1/6")

99-36	1/6" to 3/6"	$6.95



EXTENSIONS

99-X5	4"	$3.95
99-X10	7"	3.95

P12S	0	1/3"	2"	4-1/4"	$2.50

STUBBY

SX101	1	3/16"	1-7/16"	3-7/16"	$3.25
SX102	2	1/4"	1-5/16"	3-3/6"	3.95

REGULAR

X100	0	1/6"	2"	4-5/6"	$2.25
X101	1	3/16"	3"	6-5/6"	2.95
X106	1	3/16"	6"	9-5/6"	3.95
X102	2	1/4"	4"	8-1/8"	4.50
X103	3	5/16"	6"	10-1/2"	5.95
X104	4	3/6"	6"	12-1/2"	7.95

EXTRA LONG

X1010	1	3/16"	10"	13-5/6"	$5.50
X1020	2	1/4"	10"	14-1/6"	6.50

HS11	Green	11/32"	3.95
HS12	Blue	3/6"	3.95
HS14	Brown	7/16"	4.95
HS16	Red	1/2"	4.95
HS16	Orange	9/16"	4.95

EXTRA LONG
(9-1/8" Overall Length)

L6	Black	3/16"	$4.95

(10-1/8" Overall Length)

L6	Red	1/4"	$4.95
L10	Amber	5/16"	4.95
L11	Green	11/32"	4.95
L12	Blue	3/6"	4.95

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COMPLETE TOOL KITS

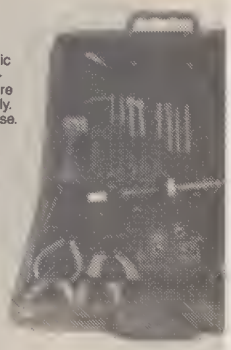
FORDHAM COMPACT TOOL KIT *With A Padded Zippe*

MODEL FTK-16

OUR PRICE $179.95

Size: 12" x 10" x 2-1/2".

Ideal for field engineers, radio-TV repairmen and electronic technicians. This kit is designed for the professional electronic technician or field engineer. Basic tools in the kit are from Xcelite allowing for additions to be added quite easily. The tools are furnished in an attractive padded zipper case.



These Fine Tools Are Included:

8454 Alignment tool set 5 pcs
9338 Burnishing tool
K-22 Knife, precision type
99-2 3" plastic handle
99-1 4" plastic handle
99-8 1/4" nutdriver blade
99-10 5/16" nutdriver blade
99-12 3/8" nutdriver blades
72CG 5" chain nose plier
52CG 6" long nose plier
84CG 4-1/4" diagonal cutter plier
53CG 6" utility type plier
99-811 Regular screwdriver 3/16" blade
99-250 Regular screwdriver 1/4" blade
99-312 Regular screwdriver 5/16" blade
99-821 #1 Phillips blade screwdriver
99-822 #2 Phillips blade screwdriver
X100 #0 Phillips miniature screwdriver
TS600 Jeweler type .025 to 0.1" screwdriver set
WP-25 20W Soldering iron.
DS-1 60/40 solder coil.

99-61 - 99-66 6 pcs. .048-.096 spline driver blade set. **44CG** 4" adjustable wrench.
101-S Wire stripper with adjustable stop screw and spring
SLK-7 7 pcs. Allen hex key type wrench set. **VOM test instrument** 2K per volt sensitivity
9073 Fork tip and brush solder aid. **ZP-5** Padded zipper case with retractable handles

SOLDERING & SERVICEMAN'S AID KIT

MODEL FTK-17

OUR PRICE $169.95

These Fine Quality Tools Are Included:

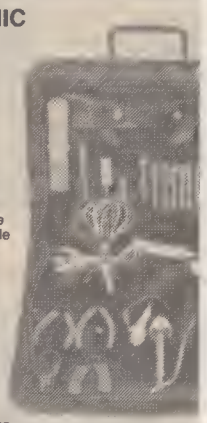
US140 Universal Soldapullt
9069 Reamer & Screper Tip
9074 Brush & Scraper Tip
AA Solder Wick
AB Solder Wick
BB Solder Wick
FH-80 Desoldering Tool
WM120 Pencil Thin Soldering Station
91CG Extra Thin Long Needle Nose
108CG Diagonal Full-Flush Cutting Pliers
101S Wire Stripper & Cutter
HD100A Heavy Duty Clip Leads
K22 Knife
DS-1 Dispenser Pack Solder
BCR10 Solder Cream
99-1 Handle
99-8 1/4" Nutdriver Blade
99-10 5/16" Nutdriver Blade
99-12 3/8" Nutdriver Blade
99-14 7/16" Nutdriver Blade
99-821 #1 Phillips Screwdriver Blade
99-822 #2 Phillips Screwdriver Blade
99-125 1/8" Slotted Screwdriver Blade
99-250 1/4" Slotted Screwdriver Blade
DP-1 Pen Lite
99X10 10" Extension
ZP-5 Padded zipper case with retractable handles 13" x 10" x 2-1/2".
5090P Shockproof Inspection Mirror

DELUXE SOLDERING & ELECTRONIC TECHNICIAN SERVICE KIT

MODEL FTK-18

OUR PRICE $199.95

These Fine Quality Tools Are Included:



WP40 Weller Soldering Iron
9073 Brush & Forked Tip
9075 Straight Reamer & Forked Tip
AA Solder Wick
AB Solder Wick
BB Solder Wick
XD16 Extractor Pliers
DS1 Solder (Dispenser Pack)
DS40 Professional Desoldering /Repair Tool
91CG Extra Thin Long Needle Nose
101S Wire Stripper & Cutter
108CG Diagonal Full-Flush Cutting Pliers
80V Heat Sink
US140 Desoldering Tool
BCR10 Solder Cream
K22 Knife
HD100A Clip Leads
DP-1 Pen Lite
99-6 3/16" Nutdriver Blade
99-7 7/32" Nutdriver Blade
99-8 1/4" Nutdriver Blade
99-9 9/32" Nutdriver Blade
99-10 5/16" Nutdriver Blade
99-11 11/32" Nutdriver Blade
99-12 3/8" Nutdriver Blade
99-811 3/16" Screwdriver
99-250 1/4" Slotted Screwdriver Blade
99-821 #1 Phillips Screwdriver Blade
99-822 #2 Phillips Screwdriver Blade
99X5 4" Extension
99-1 Regular Handle For 99 Series
ZP-5 Padded zipper case with retractable handles 13" x 10" x 2-1/2"

XCELITE ROLL KIT

MODEL 99-PR

OUR PRICE

$37.50

DESCRIPTION

Contains nine regular nutdrivers (99-6, 7, 8, 9, 10, 11, 12, 14 and 16), 99-811 and 99-250 (slotted) and 99-821 and 99-822 (Phillips) screwdriver blades, 99-1 handle (regular), 99K plastic fabric case.

adjustable wrench.
- 99-1—Regular handle.
- 99-X10—Extension blade.
- 99MWK—Canvas case.

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HITACHI 35 MHz DUAL TRACE OSCILLOSCOPE

MODEL V-355
PROBES INCLUDED
REG. $899.95

OUR PRICE $599.95

DESCRIPTION

Hitachi's new scope provides an unbeatable combination of lightweight scope and high performance that's destined to set new standards in cost plus performance. Its thin, light, compact design features a large 6 inch rectangular, internal graticule CRT, with percent calibrations, autofocus, scale illumination and photographic bezel.

SPECIFICATIONS

Effective Area 8 x 10 div (1 div = 1 cm). **Acceleration Potential** 12kV. **Focus Adjustment automatic. External Intensity Modulation —Effective Bandwidth** DC to 2 MHz. **Imput Impedance** 47 Ω (typ). **Max Imput Voltage** 30V (DC + AC peak). **Voltage** 5V p-p or more. **VERTICAL DEFLECTION Sensitivity 5 mV/div to 5V/div** ± 3%, 10 calibrated steps, 1mV/div to 1 V/div ±5% (when using x5 amplifier) Uncalibrated continous control between steps 1: less than 2.5 (provided with lock positioning). **Uncal Lamp** Front panel lamp indicates the uncalibrated condition. **Frequency bandwidth** DC to 35 MHz, -3 dB (at 8 div) DC to 7 MHz, -3 dB (at 8 div) (when using x5 amplifier). **Risetime** 8.8 ns (50 ns for x5 magnification). **Signal delay line** Permits viewing leading edge of displayed waveform. **Maximum Input voltage** 500Vp-p or 300Vp-p (DC + AC peak at 1 kHz) **Imput Coupling** AC, GND, DC (lever switch) **Input Impedance** Direct 1M Ω approximately 30 pF **Operating modes** CH1, CH2, ALT, CHOP, ADD. **Polarity Switching** CH2 only. **X-Y Operation** CH1: X-axis, CH2: Y-axis. **Sensitivity** 5 mV/div to 5 V/div (when using x5 magnifer: 1 mV/div to 1V/div). **Phase Difference** DC to 50 kHz within 3°. **X axis bandwidth** DC to 500 kHz, -3 dB. **Dynamic range** 8 div or more **CH1 output** Provided to enable frequency measurement using an external frequency counter. **Output voltage** 20 mV/div or more. **Frequency bandwidth** 50 Hz to 5 MHz, 1 3 dB. **Output Impedance** Approx 50 Ω. **HORIZONTAL DEFLECTION Trigger modes** AUTO, NORM, TV-V, TV-H. **Trigger source** INT (CH1, CH2, V-MODE), LINE, EXT. **Trigger coupling** AC. **TV Sync Internal** 1 div or more (vertical sync signal) **External** 1 VP-p or more (vertical sync signal). **Trigger Sensitivity Frequency** 20 Hz to 5 MHz, **Internal** 0.5 div, **External** 200 mV, **Trigger Sensitivity Frequency** 5 to 35 MHz, **Internal** 1.5, **External** 800 mV. **AUTO low bandwidth** 25 Hz **Trigger slope** ±. **External trigger Input —Input Impedance** Approx, 1M, Approx. 30pF. **Maximum input voltage** 300 V (DC + AC peak at 1 kHz). **Sweep time** 0.2 us/div to 0.2s/div ± 3%, 19 calibrated steps, Uncalibrated continous control between steps 1:less than 2.5 (provided with lock-positioning). **Uncal lamp** Front panel lamp indicates the uncalibrated condition. **Sweep time magnifier** 10 times (±5%). **Maximum sweep time** 20 ns/div. **CALIBRATOR Waveform** Approx. 1 kHz squarewave (duty cycle: 48:52 or more). **Voltage** 0.5 V±3%. **POWER REQUIREMENTS** AC 100/120/220/240± 10% connector selectable, 50/60 Hz Approx. 45W. **DIMENSIONS** 310(W) x 130(H) x 370(D) mm, Approx. 6.5 kg. **TEMPERATURE Limits of operation** 0 to +40° **Rated range of use** +10 to +35°C. **MTBF** 20,000 hours (target value). **Accessories** AT-10AK 1.5 probes (10:1 1:1). . .2, Power Cable. . .1, Instruction Manual. Probes included.

(Working length 4" or 101.60mm)

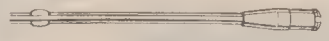
99-20	.050"	$2.75
99-21	1/18"	2.75
99-22	5/84"	2.75
99-23	3/32"	2.75
99-764	7/84"	2.75
99-24	1/8"	2.75
99-964	9/84"	2.75
99-25	5/32"	2.75
99-28	3/18"	2.75
99-71MM	1.27mm	3.50
99-72MM	1.5mm	3.50
99-73MM	2mm	3.50
99-74MM	2.5mm	3.50
99-75MM	3mm	3.50
99-76MM	4mm	3.50
99-77MM	5mm	3.50

(Working length 3-7/8")

99-G532	5/32"	$3.50
99-G318	3/16"	3.50

REAMER
(Working length 4-1/8")

99-38	1/8" to 3/8"	$8.95



EXTENSIONS

99-X5	4"	$3.95
99-X10	7"	3.95

P12S	0	1/3"	2"	4-1/4"	$2.50

STUBBY

SX101	1	3/18"	1-7/16"	3-7/16"	$3.25
SX102	2	1/4"	1-5/16"	3-3/8"	3.95

REGULAR

X100	0	1/8"	2"	4-5/8"	$2.25
X101	1	3/18"	3"	6-5/8"	2.95
X108	1	3/18"	6"	9-5/8"	3.95
X102	2	1/4"	4"	8-1/8"	4.50
X103	3	5/16"	6"	10-1/2"	5.95
X104	4	3/8"	8"	12-1/2"	7.95

EXTRA LONG

X1010	1	3/16"	10"	13-5/8"	$5.50
X1020	2	1/4"	10"	14-1/8"	8.50

HS11	Green	11/32"	3.95
HS12	Blue	3/8"	3.95
HS14	Brown	7/18"	4.95
HS16	Red	1/2"	4.95
HS18	Orange	9/18"	4.95

EXTRA LONG
(9-1/8" Overall Length)

L8	Bleck	3/18"	$4.95

(10-1/8" Overall Length)

L8	Red	1/4"	$4.95
L10	Amber	5/18"	4.95
L11	Green	11/32"	4.95
L12	Blue	3/8"	4.95

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$101 - $200 — $7.00	$501 - $ 750 — $12.50	$1501 - $2000 — $25.00
$201 - $300 — $8.00	$751 - $1000 — $15.00	$2001 & up — $30.00

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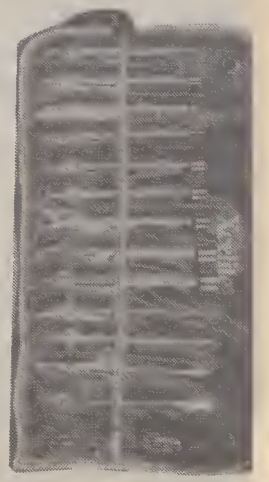
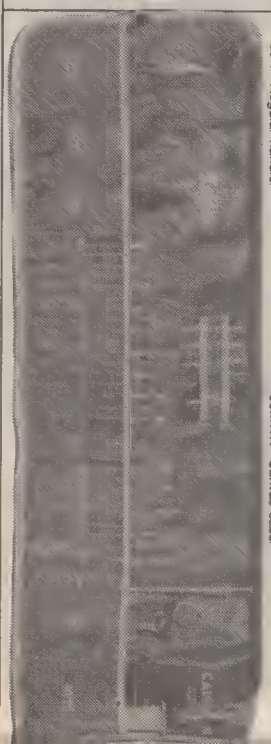
XC ROLL KIT
MODEL 99-PR
OUR PRICE
$37.50

DESCRIPTION
Contains nine regular nut-drivers (99-6, 7, 8, 9, 10, 11, 12, 14 and 16), 99-911 and 99-250 (slotted) and 99-921 and 99-922 (Phillips) screwdriver blades, 99-1 handle (regular), 99K plastic fabric case.





- adjustable wrench.
- 99-1—Regular handle.
- 99-X10—Extension blade.
- 99MWK—Canvas case.

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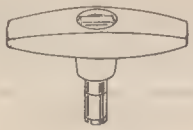
XCELITE HANDLES AND SCREWDRIVERS

DESCRIPTION

Series "99" handles will accept more than 50 nutdriver, screwdriver and special purposes shafts and blades. Plastic handles have a unique spring device that holds blades firmly yet permits quick, easy insertion and removal.

HANDLES

MODEL	DESCRIPTION	PRICE
99-1	Regular (1-1/18"x4-1/8")	$ 2.95
99-2	Junior (1"x3-1/8")	2.95
99-3	Stubby (1-1/18"x2")	2.95
99-4	Tee (1"x3-3/8")	3.50
99-1R	Reversible ratchet	17.95
99-4R	Reversible Tee ratchet	17.95



99-4R Tee ratchet

99-1R Reversible ratchet

NUTDRIVERS
(Stubby working length 1-3/8")

Regular and magnetic working length 3-5/8" or 92.08mm, except where otherwise noted

99-6	3/18"	$2.50
99-7	7/32"	2.50
99-8	1/4"	2.50
99-S8	11/4" Stubby	2.50
99-9	9-32"	2.50
99-10	5/18"	2.50
99-S10	5/18" Stubby	2.50
99-11	11/32"	2.50
99-12	3/8"	2.50
99-S12	3/8" Stubby	2.50
99-14	7/18"*	3.50
99-18	1/2"*	3.50
99-8M	1/4" Magnetic	3.50
99-10M	5/18" Magnetic	3.50
99-4MM	4mm	3.50
99-4.5MM	4.5mm	3.50
99-5MM	5mm	3.50
99-5.5MM	5.5mm	3.50
99-8MM	8mm	3.50
99-7MM	7mm	3.50
99-8MM	8mm	3.50
99-9MM	9mm	3.50
99-10MM	10mm*	3.50
99-11MM	11mm*	3.50

*Working length 4" (101.80mm)

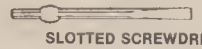
ALLEN HEX SOCKET TYPE SCREWDRIVERS
(Working length 4" or 101.60mm)

99-20	.050"	$2.75
99-21	1/15"	2.75
99-22	5/84"	2.75
99-23	3/32"	2.75
99-764	7/84"	2.75
99-24	1/8"	2.75
99-964	9/54"	2.75
99-25	5/32"	2.75
99-28	3/18"	2.75
99-71MM	1.27mm	3.50
99-72MM	1.5mm	3.50
99-73MM	2mm	3.50
99-74MM	2.5mm	3.50
99-75MM	3mm	3.50
99-76MM	4mm	3.50
99-77MM	5mm	3.50

BRISTOL 8-FLUTE MULTIPLE-SPLINE SCREWDRIVERS
(Working length 4")

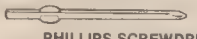
MODEL	DESCRIPTION	PRICE
99-81	.048"	$2.75
99-82	.060"	2.75
99-83	.069"*	2.75
99-84	.072"	2.75
99-85	.076"	2.75
99-86	.095"	2.75
99-87	.111"	2.75
99-88	.145"	2.75
99-89	.183"	2.75

*4-flute



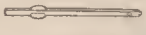
SLOTTED SCREWDRIVERS
(Working length 3-7/8")

99-125	1/8"	$2.75
99-811	3/15"	2.75
99-250	1/4"	2.75
99-312	5/16"	2.75



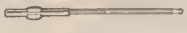
PHILLIPS SCREWDRIVERS
(Working length 3-7/8")

99-820	#0	$2.75
99-821	#1	2.75
99-822	#2	2.75



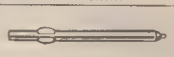
POZIDRIV® SCREWDRIVERS
(Working length 3-7/8")

99-83-1	#1	$4.95
99-83-2	#2	4.95
99-83-3	#3	4.95



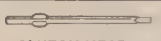
BALL POINT ALLEN HEX SOCKET TYPE SCREWDRIVERS
(Working length 4" or 101.80mm)

99-20BP	.050"	$3.95
99-21BP	1/16"	3.95
99-22BP	5/54"	3.95
99-23BP	3/32"	3.95
99-784BP	7/64"	3.95
99-24BP	1/8"	3.95
99-964BP	9/54"	3.95
99-25BP	5/32"	3.95
99-28BP	3/18"	3.95
99-71MMBP	1.27mm	3.95
99-72MMBP	1.5mm	3.95
99-73MMBP	2mm	3.95
99-74MMBP	2.5mm	3.95
99-75MMBP	3mm	3.95
99-78MMBP	4mm	3.95
99-77MMBP	5mm	3.95



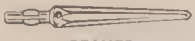
SCRULOX® SCREWDRIVERS
(Working length4")

99-SL0	#0	$2.95
99-SL1	#1	2.95
99-SL2	#2	2.95
99-SL3	#3	2.95



CLUTCH HEAD SCREWDRIVERS
(Working length 3-7/8")

99-G532	5/32"	$3.50
99-G318	3/15"	3.50



REAMER
(Working length 4-1/8")

99-38	1/8" to 3/8"	$8.95

EXTENSIONS

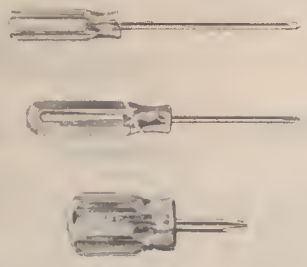
99-X5	4"	$3.95
99-X10	7"	3.95

XCELITE
FREARSON (REED & PRINCE) TYPE

Model No.	Blade Diam.	Blade Length	Overall Length	Our Price
RP101	3/18"	3"	6-5/8"	$3.50
RP102	1/4"	4"	8-1/8"	4.50

Round blade, fixed handle screwdrivers can be furnished (optionally at extra cost) with blades which have been insulated by plastic dip-coating.

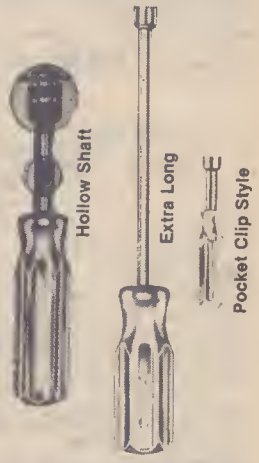
Model No.	Blade Diam.	Blade Length	Overall Length	Our Price
POCKET CLIP STYLE				
R3322		2"	4-1/4"	$1.50
R3323	3/32"	3"	5-1/4"	1.75
R3324		4"	6-1/4"	1.95
R181	1/8"	2"	4-1/4"	1.95
R183		3"	5-1/4"	1.95
REGULAR				
R182		2"	4-5/8"	$1.80
R184		4"	6-5/8"	2.50
R188	1/8"	5"	8-5/8"	2.75
R186		8"	10-5/8"	2.95
R1810		10"	12-5/8"	2.95
R5323		3"	5-5/8"	2.25
R5324	5/32"	4"	8-5/8"	2.25
R5325		5"	7-5/8"	3.50
R5328		8"	10-5/8"	3.50
R3183		3"	8-5/8"	3.50
R3184		4"	7-5/8"	3.75
R3188	3/18"	8"	9-5/8"	3.95
R3158		8"	11-5/8"	3.95
R31810		10"	13-5/8"	4.95
R144		4"	8-1/8"	3.95
R148	1/4"	5"	10-1/8"	4.50
R148		8"	12-1/8"	4.50
R1410		10"	14-1/8"	4.75
R5184	5-18"	4"	8-1/2"	4.95
R5186		6"	10-1/2"	4.95
R5188	3/8"	8"	12-1/2"	5.50
R388		8"	12-1/2"	8.50



PHILLIPS

Model No.	Point Size	Blade Diam.	Blade Length	Overall Length	Our Price
POCKET CLIP STYLE					
P12S	0	1/3"	2"	4-1/4"	$2.50
STUBBY					
SX101	1	3/18"	1-7/18"	3-7/15"	$3.25
SX102	2	1/4"	1-5/15"	3-3/8"	3.95
REGULAR					
X100	0	1/8"	2"	4-5/8"	$2.25
X101	1	3/15"	3"	6-5/8"	2.95
X108	1	3/18"	8"	9-5/8"	3.95
X102	2	1/4"	4"	8-1/8"	4.50
X103	3	5/15"	5"	10-1/2"	5.95
X104	4	3/8"	8"	12-1/2"	7.95
EXTRA LONG					
X1010	1	3/16"	10"	13-5/8"	$5.50
X1020	2	1/4"	10"	14-1/8"	8.50

NUTDRIVERS



INCH SIZES
(Color-Coded Handles)

DRILLED SHAFT
Midget Pocket Clip Style
(3-1/2" Overall Length)

Number	Handle Color	Hex Opening	Price
P3	Blue	2/32"	$2.50
P4	Red	1/8"	2.50
P5	Amber	5/32"	2.50
P6	Black	3/18"	2.50
P7	Brown	7/32"	2.50
P8	Red	1/4"	2.50
P9	Orange	9/32"	2.50
P10	Amber	5/18"	2.50
P11	Green	11/32"	2.50
P12	Blue	3/8"	2.50

REGULAR
(6-1/8" Overall Length)

6	Black	3/18"	$3.60
7	Brown	7/32"	3.60
8	Red	1/4"	3.60
9	Orange	9/32"	3.60
10	Amber	5/18"	3.60
11	Green	11/32"	3.60
12	Blue	3/8"	3.60

(7" Overall Length)

14	Brown	7/18"	$4.50
18	Red	1/2"	4.50

FULL HOLLOW SHAFT REGULAR
(6-1/4" Overall Length)

Number	Handle Color	Hex Opening	Price
HS6	Black	3/18"	$3.95
HS7	Brown	7/32"	3.95

(7-1/4" Overall Length)

HS6	Red	1/4"	$3.95
HS9	Orange	9/32"	3.95
HS10	Amber	5/18"	3.95
HS11	Green	11/32"	3.95
HS12	Blue	3/8"	3.95
HS14	Brown	7/18"	4.95
HS16	Red	1/2"	4.95
HS18	Orange	9/18"	4.95

EXTRA LONG
(9-1/8" Overall Length)

L8	Black	3/18"	$4.95

(10-1/8" Overall Length)

L8	Red	1/4"	$4.95
L10	Amber	5/16"	4.95
L11	Green	11/32"	4.95
L12	Blue	3/8"	4.95

PLIERS

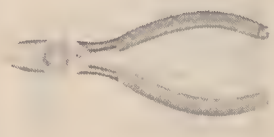
XCELITE SHORT NOSE TIP CUTTING PLIER
MODEL 73CG size—4-1/2"
OUR PRICE **$19.95**

DESCRIPTION
4-1/2" cutting plier. 30°angle tip cutter with semi-flush edge for cutting in restricted areas in electronic components and for trimming printed circuit boards. Standard with blue handles and polished head.

XCELITE MIDGET FULL-FLUSH CUTTING PLIER
MODEL 84CG size—4"
OUR PRICE **$15.95**

DESCRIPTION
4" cutting plier. Fine tappered nose with back taper at extreme tip. Full-flush cutting edges for cutting No. 20 guage (.032" dia.) and smaller soft copper wire. Snap cuts at extreme tip. Standard with blue handles and polished head.

XCELITE SEMI-FLUSH CUTTING DIAGONAL PLIER
MODEL 98CG size—4"
OUR PRICE **$12.95**



DESCRIPTION
4" cutting plier. Slim round nose design with electronically hardened edges. Most used regular small diagonal cutting pliers for fine work. Will cut No. 20 guage (0.32" dia.) and smaller soft copper wire. Standard with blue handles and polished head.

XCELITE MIDGET SEMI-FLUSH CUTTING PLIERS
MODEL 74CG size—4"
OUR PRICE **$15.50**

DESCRIPTION
4" cutting plier. Fine tapered nose with semi-flush cutting edges for cutting No. 20 guage (.032" dia.) and smaller soft copper wire. Snap cuts at extreme tip. Standard with blue handles and polished head.

XCELITE EXTRA THIN LONG NEEDLE-NOSE PLIER
MODEL 91CG size—6"
OUR PRICE **$14.50**

DESCRIPTION
6" spring-tempered jaws, precision matched to 5/64" at the extreme tip. Fine serrated jaws. Slightly beveled inside edges. Standard with blue handles and polished head.

XCELITE STANDARD DIAGONAL PLIER
MODEL 106CG size—4-1/2"
OUR PRICE **$13.50**
MODEL 107CG size—5"
OUR PRICE **$13.50**

DESCRIPTION
Small round nose diagonal cutting pliers with electronically hardened edges. Primarily for general purpose cutting in the electronics industry. Standard with blue handles and polished head.

XCELITE THIN BENT NOSE PLIER
MODEL 79CG size—5"
OUR PRICE **$16.50**

DESCRIPTION
5" pliers with fine serrated jaws. 60°angle thin bent nose for handling fine wire in close quarters.

XCELITE CUTTING & LOOPING PLIER
MODEL 94CG size—6"
OUR PRICE **$16.95**

DESCRIPTION
6" plier for cutting and forming wire. Cutter near tip for cutting No. 20 guage (.032" dia.) and smaller soft copper wire. Standard with blue handles and polishing head.

XCELITE DIAGONAL FULL-FLUSH CUTTING PLIER
MODEL 108CG size—4-1/2"
OUR PRICE **$17.50**

DESCRIPTION
4-1/2" tappered nose diagonal pliers with back clearance for use in confined areas. Hard-honed full-flush edges with back taper at extreme tip. Heavy pattern joint for long life. Ideal for printed circuit and other electronic applications. Will cut No. 20 guage (.032" dia.) and smaller soft copper wire. Standard with blue handles and polished head.

XCELITE LONG CHAIN NOSE WITH SIDE CUTTER PLIER
MODEL 81CG size—5-1/2"
OUR PRICE **$13.50**

DESCRIPTION
5-1/2" spring tempered fine serrated jaws with hardened jaw surfaces and electronically hardened cutter edges are ideal for electronic subassembly work. Standard with blue handles and polished head.

XCELITE SPECIAL TAPER NOSE DIAGONAL PLIER
MODEL 95CG size—5"
OUR PRICE **$15.95**

DESCRIPTION
5" slim taper nose design with full-flush cutting edges for heavy duty work in electronics industry. Specially designed for close quarters tipcutting. Standard with blue handles and polished head.

XCELITE DIAGONAL CUTTING PLIER
MODEL 109CG size—4"
OUR PRICE **$18.50**

DESCRIPTION
4" precision honed flush-edges and back clearance. Fine tapered nose designed for close cutting No. 24 guage (.020" dia.) and smaller soft copper wire. The very fine tappered nose with back taper at extreme tip is ideal for delicate electronic circuitry work. Standard with blue handles and polished head.

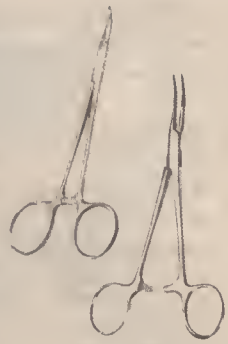
XCELITE SEIZER®

MODEL 42H
OUR PRICE **$16.95**
6" straight nose-serrated.

MODEL 43H
OUR PRICE **$17.50**
6" curved nose-serrated.

MODEL 32H
OUR PRICE **$16.95**
5" straight nose-smooth.

MODEL 33H
OUR PRICE **$16.50**
5" curved nose-smooth.



DESCRIPTION
Clamps wire for soldering, acts as a heat sink and retrieves small parts. Seizers® have two-position snap lock and box-joint construction. Precision machined and polished from tempered stainless steel.

XCELITE MIDGET CHAIN NOSE PLIER

MODEL 77CG size—5"
OUR PRICE **$12.95**
MODEL 72CG size—4-1/2"
OUR PRICE **$12.95**

DESCRIPTION
Slim streamlined pliers with fine serrations or smooth jaws plus slightly beveled inside edges. Excellent for subminiature electronic assembly work. Standard with blue handles and polished head. 72CG has plain jaws.

XCELITE EXTRA THIN LONG NEEDLE NOSE PLIER

MODEL 90CG size—4-1/2"
OUR PRICE **$14.95**

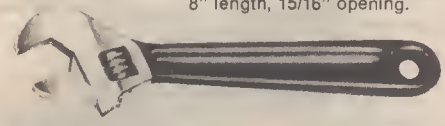
DESCRIPTION
4-1/2" spring-tempered jaws, precision matched to a fine 3/64" x 1/16" point. Plain jaws. Slightly beveled inside edges. Standard with blue handles and polished head.

XCELITE ADJUSTABLE WRENCH

MODEL 44CG OUR PRICE **$9.95**
4" length, 1/2" opening.

MODEL 46CG OUR PRICE **$11.95**
6" length, 3/4" opening.

MODEL 48CG OUR PRICE **$11.95**
8" length, 15/16" opening.



DESCRIPTION
Xcelite's exclusive thin-pattern design permits access where regular adjustables will not fit. Rugged construction, chrome-plated, polished heads, with quick one-hand adjustment and cushion-grip (CG).

XCELITE LONG CHAIN NOSE PLIER

MODEL 82CG size—5-1/2"
OUR PRICE **$12.95**

DESCRIPTION
5-1/2" spring tempered, fine serrated jaws with slightly beveled inside edges are specially designed for gripping small wire and components. Standard with blue handles and polished head.

XCELITE TIP CUTTER WIRING PLIER

MODEL 92CG size—4-1/2"
OUR PRICE **$15.95**
MODEL 69CG size—5"
OUR PRICE **$16.50**

DESCRIPTION
For delicate, intricate, sub-assembly work. Fine serrated tips. Hardened cutting edge near tip for snap cutting No. 22 guage (.025" dia.) and smaller soft copper wire. Standard with blue handles and polished head.

XCELITE SHORT FLAT NOSE PLIER

MODEL 70CG size—4-1/2"
OUR PRICE **$11.95**

DESCRIPTION
4-1/2" light plier for fine work, smooth jaws. Standard with blue handles and polished head.

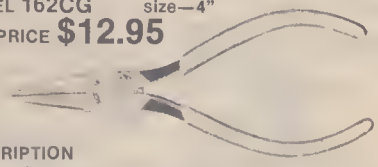
XCELITE ELECTRONIC SNIPS

MODEL 86CG size—6-1/2"
OUR PRICE **$15.50**

DESCRIPTION
6-1/2" size. Shearing action of 1-1/2" cut pointed blades prevents peaks on fine wires and filaments. Useful also for removing insulation and cutting light sheet metal. Coil spring opens blades, latch holds them closed. Cushion grip handles.

XCELITE SHORT CHAIN NOSE PLIER

MODEL 162CG size—4"
OUR PRICE **$12.95**



DESCRIPTION
4" plier that is particularly designed for fine, close electrical and mechanical work. Ideal for electricians, jewelers, opticians and hobbyists. Standard with blue handles and polished head.

XCELITE ROUND NOSE WIRE LOOP PLIER

MODEL 71CG size—4-1/2"
OUR PRICE **$12.95**

DESCRIPTION
4-1/2" plier. Both sides of nose are carefully rounded, precision ground to small point. Excellent for looping and forming fine wire. Standard with blue handles and polished head.

XCELITE VERY FINE NEEDLE NOSE PLIER

MODEL 87CG size—5-1/2"
OUR PRICE **$13.50**

DESCRIPTION
5-1/2" plier. Fine serrations on jaws. 1-13/16" nose length. Slightly beveled inside edges. Standard with blue handles and polished head.

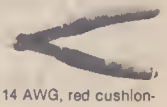
XCELITE HEAT SINK

MODEL 80
OUR PRICE **$5.50**
10 FOR **$50.00**

DESCRIPTION
For soldering close to delicate transistors or fine wires and near any other heat damageable electronic components, copper jaws, spring tension, smooth finish and red cushion-grip.

XCELITE ELECTRONIC SHEARS

MODEL 96CG
OUR PRICE **$9.50**



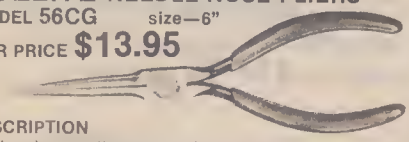
DESCRIPTION
5", 4 oz. For flush-cutting wire up to 14 AWG, red cushion-grips, spring loaded.

MODEL 97CG
OUR PRICE **$12.95**

DESCRIPTION
Same as 96CG but includes "Klip-Grip" to hold cut off wires.

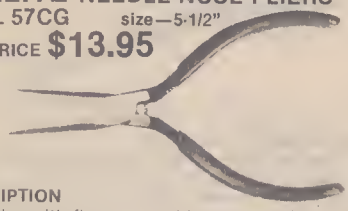
PLIERS

XCELITE NEEDLE-NOSE PLIERS
MODEL 56CG size—6"
OUR PRICE **$13.95**



DESCRIPTION
6" size. Long, slim serrated jaws permit entry inaccessible to regular long nose plier.

XCELITE NEEDLE-NOSE PLIERS
MODEL 57CG size—5-1/2"
OUR PRICE **$13.95**

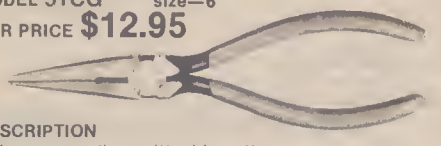


DESCRIPTION
5-1/2" size with fine serrated jaws and coil spring for firm gripping and looping wire.

XCELITE LONG-NOSE PLIERS
MODEL 41CG size—4"
OUR PRICE **$12.50**

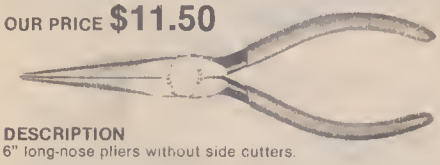
DESCRIPTION
Midget 4" pliers, serrated jaws, without side cutters.

XCELITE LONG-NOSE PLIERS
MODEL 51CG size—6"
OUR PRICE **$12.95**



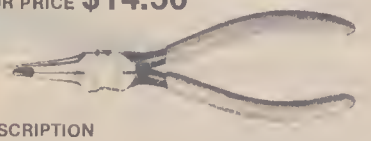
DESCRIPTION
6" long-nose pliers with side cutters.

XCELITE LONG-NOSE PLIERS
MODEL 52CG size—6"
OUR PRICE **$11.50**



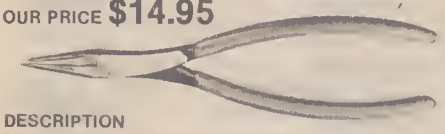
DESCRIPTION
6" long-nose pliers without side cutters.

XCELITE SPECIAL PURPOSE PLIERS
Special Electronic Plier
MODEL 58CG size—6"
OUR PRICE **$14.50**



DESCRIPTION
6" plier with extreme tip for gripping. Sharp 5/16" cutting edges 3/16" back from tip.

XCELITE SPECIAL PURPOSE PLIERS
Chain-Nose Electrician's Pliers
MODEL 59CG size—8"
OUR PRICE **$14.95**



DESCRIPTION
8" plier with long reach and high leverage.

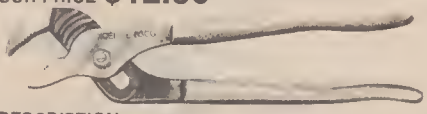
XCELITE UTILITY PLIERS
Ignition Pliers
MODEL 50CG size—5"
OUR PRICE
$9.95

DESCRIPTION
5" midget slip joint with narrow jaws for close-quarter work. 3-jaw opening adjustment to 1/2".

XCELITE UTILITY PLIERS
Tongue & Groove Pliers
MODEL 53CG size—7"
OUR PRICE **$9.95**

DESCRIPTION
7" all-purpose plier with 5-position forged rib lock design and serrated jaws. Maximum opening 1-1/16".

XCELITE UTILITY PLIERS
Tongue & Groove Pliers
MODEL 63CG size—10"
OUR PRICE **$12.50**



DESCRIPTION
10" forged rib lock design and serrated jaws. Adjusts to 4 positions. Maximum opening 1-1/2".

XCELITE SIDE CUTTING PLIERS
MODEL 60CG size—6"
OUR PRICE **$13.95**

DESCRIPTION
6" size with serrated upper and lower jaws for firm gripping.

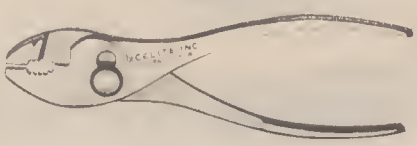
XCELITE SIDE CUTTING PLIERS
MODEL 68CG size—8"
OUR PRICE **$14.95**

DESCRIPTION
8" size with serrated jaws. Longer size gives grip and leverage for cutting heavy wire.

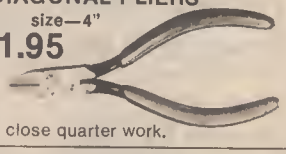
XCELITE COMBINATION SLIP-JOINT PLIERS

MODEL 76C size—6"
OUR PRICE **$7.95**
DESCRIPTION
6" Chrome-plated plier for general use.

MODEL 78C size—8"
OUR PRICE **$7.95**
DESCRIPTION
8" Sturdy, chrome-plated plier for heavy duty.

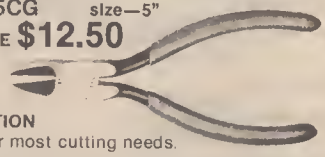


XCELITE DIAGONAL PLIERS
MODEL 54CG size—4"
OUR PRICE **$11.95**



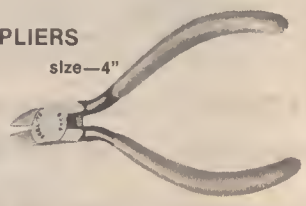
DESCRIPTION
Midget 4" size for close quarter work.

XCELITE DIAGONAL PLIERS
MODEL 55CG size—5"
OUR PRICE **$12.50**



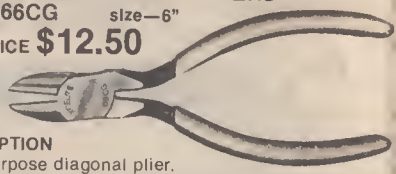
DESCRIPTION
5" plier for most cutting needs.

XCELITE DIAGONAL PLIERS
MODEL 64CG size—4"
OUR PRICE
$14.95



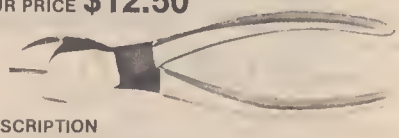
DESCRIPTION
4" long, for fast, clean, easy tip cutting of fine wires in close quarters.

XCELITE DIAGONAL PLIERS
MODEL 66CG size—6"
OUR PRICE **$12.50**



DESCRIPTION
6" all-purpose diagonal plier.

XCELITE DIAGONAL PLIERS
MODEL 67CG size—7"
OUR PRICE **$12.50**

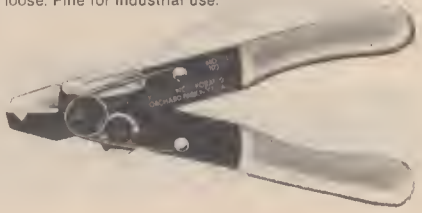


DESCRIPTION
7" diagonal plier for heavy duty cutting.

XCELITE WIRE STRIPPERS ANDCUTTERS
MODEL 100-X OUR PRICE **$4.95**
DESCRIPTION
Has adjustable screw stop for different wire sizes, and cushion grips. Cuts and strips both soild and stranded wire cleanly, neatly. Hardened with ground blades.

MODEL 101-S OUR PRICE **$5.95**
DESCRIPTION
Specifications same as 100, except with spring-equipped self-opening handles.

MODEL 103-S OUR PRICE **$6.95**
DESCRIPTION
Has unique cam stop adjustment for different wire sizes. Cam adjustment stays put, won't move, even with screw loose. Fine for industrial use.



CALL US MONDAY THRU FRIDAY 8:00 AM to 6:30 PM • SATURDAY 9:00 AM to 3:00 PM E.S.T.

XCELITE COAXIAL WIRE STRIPPER

FEATURES
- Fast, precise and easy to operate.
- Lightweight—weighs only 1 ounce.

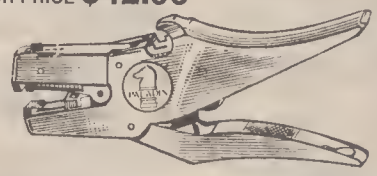
DESCRIPTION
The coaxial wire stripper is fast, precise and easy to operate. Will do RG 58, RG 59, RG 122, RG 174 and RG 8281. This tool will srtip every coax wire with an O.D. between .14 and .30 inches. Its small, 3.5" long, compact body allows the operator to use it in many areas which previously prevented post-stripping coax wires. Can be easily carried in a tool pouch or pocket and utilized in the field or in the plant. The removeable cassette blades are rated for up to 10,000 strips and give clean, crisp cuts. Cassette number 2C-B(blue) will cut exposed braid to a lenght of .24 (6mm), number 2C-Y (yellow) will cut exposed braid to a length of .48 (12mm). Tool body is constructed of fiberglass reinforced nylon.

2CS5962-B Coax tool w/blue cassette, for BNC, TNC conn.,& F conn. RG59U **$34.95**
2CS55962-Y Coax tool w/yellow cassette, for UHF conn. **$34.95**
2C-B Replacement blue cassette **$13.75**
2C-Y Replacement yellow cassette **$13.75**

PALADIN AUTOMATIC HAND WIRE STRIPPER

MODEL PA-1100

OUR PRICE $42.95



FEATURES
- Cuts and strips single or multiple conductor cables.
- Built-in cutter, self-adjusting stripping jaws.

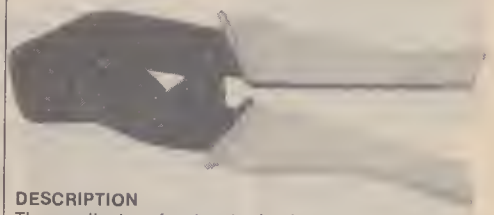
DESCRIPTION
This innovative automatic hand wire stripper has a built-in sensor which enables it to strip No, 28 through No. 12 AWG wire, solid or stranded without adjustment. Its fiberglass re-inforced nylon body is virtually indestructable and electrically insulated from any shock hazards. The built-in self-sharpening cutter allows the operator to cut and strip in one operation with one tool. The front feed gives freedom of use in the tightest of spaces. The stainless steel, self-adjusting, stripping blades are industrially tough and built for up to 100,000 strips or more. Will do as many as six conductors simultaneously in bonded or molded cables. Stripping length: adjusts up to 7".

PA-2101 Replacement stripping jaw ..... **Our Price $13.75**

XCELITE MINI-CRIMPER THE MECHANICAL CRIMPING TOOL

MODEL MIC-58 **OUR PRICE $74.95**

MODEL MIC-2214 **OUR PRICE $59.95**



DESCRIPTION
The smallest professional crimping tool of its kind. **Angled jaws** offer the greatest comfort in simultaneously locating connectors and crimping. The ratchet insures a full-cycle complete crimp every time. Overall Length: 7.68"/195mm. Handle Spread at Gripping Points: 3.66"/93mm.

MIC-58— Field of application: RG-58 BNC/TNC connectors. Weight: .55 lbs.

MIC-2214— Field of application: Insulated Terminals size AW-22-14 (.75-2.5mm). Weight: .55 lbs.

CABLEMATIC

COAX CABLE STRIPPER

MODEL UT-5800

OUR PRICE $19.95

Prepares cable for installation of PL-259 with UG-175/U on RG-58 cable.

MODEL UT-5900

OUR PRICE $19.95

Prepares cable for installation of "F" connectors on RG-59 size cable.

MODEL UT-5901

OUR PRICE $19.95

Prepares cable for installation of PL-259 with UG-176/U adapter or TV wall plate on RG-59 cable.

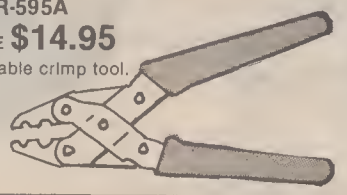
UT SERIES COAX CABLE STRIPPERS
Precise—Machined to precision tolerances.
Simple—Two step operation. Even the unskilled make perfect strips every time.
Uniform—Strips cable to same dimensions every time, no matter who uses it, without nicks or scratches.
Prevents trouble calls—Can't nick center conductor or leave loose strands to cause shorts.
Saves time—Prepares cable for connector in less than 15 seconds.
Lifetime use—Replaceable blades designed for long life.

CABLEMATIC CABLE CRIMP TOOL

MODEL CR-595A

OUR PRICE $14.95

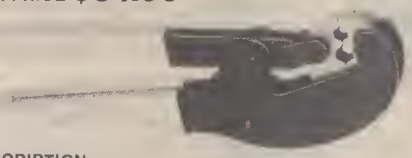
Standard cable crimp tool.



CABLEMATIC HEX CRIMP TOOL

MODEL CR-596A

OUR PRICE $34.95



DESCRIPTION
The Hex Crimp tool was functionally designed for the CATV and MATV installer. It is lightweight and fits the installer's belt.

Ratchets are eliminated by the design of the "positive homing action" for the tool to assure a full crimp every time.

The hex dimension for the RG-59/U is .262" and RG-6/U is .324", on a flat-to-flat measurement.

PALADIN FLAT RIBBON CABLE STRIPPER

Strips cable for on-board soldering or connector termination

MODEL PA-1120

OUR PRICE

$135.00

MODEL PA-1121

OUR PRICE

$135.00

DESCRIPTION
These tools strip up to 32 conductors of bonded, laminated or twisted pair conductor flat cable — a major advance in flat cable preparation technology, both in function and versatility.

Two varieties of the tool are available. The PA-1120 strips the insulation completely off the cable while the PA-1121 strips the insulation back, but does not remove it, thus preserving the centerline spacing.

No other flat ribbon cable stripper on the market today can equal the quality or cost effectiveness that this tool delivers.

PALADIN MINI STRIPPER

Compact, Self-Adjusting Wire Stripper

MODEL PA-1115

OUR PRICE

$39.95

DESCRIPTION
Designed for smaller wires, the new version of the Stripex features the same high quality and versatility. The Mini Stripper will strip solid or stranded wires from 16 to 30 AWG. A built-in cutter eliminates the need for a second tool.
The compact size of the PA-1115 Mini Stripper is especially attractive for those tight jobs where space is at e premium. It is designed to fit the and and operate at the lowest force possible, thus eliminating operator fetigue. Half the size and twice the versatility of competitive tools.

Replecement Stripping Bledes model PA-2108 ..... $10.95

PALADIN CABLE TY GUN

MODEL PA-1825

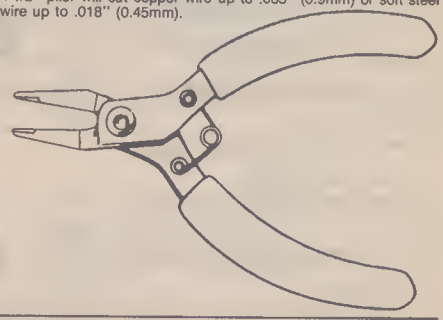
OUR PRICE $52.50

DESCRIPTION
Paladin's Cable Ty Gun gives the user high quality at a truly economical price.
The Ty Gun tensions the ty's and cuts them cleanly without leaving ragged edges.
The tension adjustment gives great flexibility in selecting bundling pressure while keeping operator fatigue to a minimum.

XCELITE STAINLESS STEEL PLIERS

MODEL 119CG **OUR PRICE $39.95**

DESCRIPTION
The 119CG hes a 30° angle cutting tip which enables users to make a clean cut in confined spaces. These pliers incorporete non-slip cushion foam grips, specially treated stainless steel and e host of other features which makes it en ideal cutting tool. The 4-1/2" plier will cut copper wire up to .035" (0.9mm) or soft steel wire up to .018" (0.45mm).



XCELITE MAGNETIC NUTDRIVERS

REGULAR MAGNETIC (6-1/8" OVERALL LENGTH)

NUMBER	HANDLE COLOR	HEX OPENING	OUR PRICE
8M	Red	1/4"	$4.95
10M	Amber	5/18"	4.95

EXTRA LONG—MAGNETIC (10-1/4" OVERALL LENGTH)

L8M	Red	1/4"	$6.95
L10M	Amber	5/18"	8.95

SUPER LONG—MAGNETIC (20-7/8" OVERALL LENGTH)

LL8M	Red	1/4"	$13.95
LL10M	Amber	5/16"	13.95

XCELITE MIDGET RATCHET OFFSET KIT

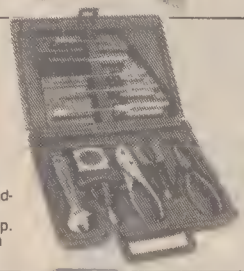
MODEL XL-75

OUR PRICE $14.95

DESCRIPTION

Five piece Midget Ratchet Offset Kit set in see-thru plastic pouch. All driver bits. 1/4" hex shank.

XCELITE MULTI-PURPOSE TOOL KIT



MODEL TKX-11 **OUR PRICE $55.95**

Tha versatile kit contains 11 quality tools, perfect for all types of routine repair and simpla do-it-yoursalf projacts. Evarything comes neatly packaged in an attractive, easy to store case.

CONTENTS: • R144 1/4" x 4" round blada scrawdriver. • R-184 1/8" x 4" round blade screwdriver. • X101 #1 Phillips x 3" screwdriver. • 8 1/4" hex nutdriver. • P12S #0 Phillipe x 2" screwdriver. • 51CG 6" long nose pllar w/sida cuttar. • 46CG 6" adjustable wrench. • S-141 1/4" x 1-1/4" stubby square blade scrawdriver. • 100-X wire stripper and cutter adjustable ecrew stop. • TM120 1/2" x 10" metric/english tape rule. • 76C-6" combination pliar, chroma plated.

XCELITE 4-WAY POCKET TOOL

MODEL 600

OUR PRICE $7.50

CONTENTS

- 1/4" Nutdriver.
- 7/18" Nutdriver.
- No. 1 Phillips type scrawdriver.
- 3/16" Slottad screwdriver.

XCELITE PLASTIC POUCH SET

MODEL 157 **OUR PRICE $22.95**

DESCRIPTION

Conteins 7 drivers, with 1-1/8" to 1-7/8" depth shaft holes. Catalog No. 8, 8, 10, 11, 12, 14 and 18.

MODEL 177 **OUR PRICE $26.95**

DESCRIPTION

Contains 7 drivers, all with full hollow shaft. Catalog Nos. HS6, HS8, HS10, HS11, HS12, HS14 and HS18.

XCELITE ELECTRICIAN'S KNIFE

MODEL K-22

OUR PRICE $12.95

DESCRIPTION

Combination knife and screwdriver blade.

WELLER SPECIALIZED SOLDERING KIT

Electronic Tool Kit

MODEL 250-K

OUR PRICE $59.95

DESCRIPTION

12 pieces. For the kit-builder, hobbyist, budding technician, hendyman, or general use in dozens of electronic jobs. Contains Waller WP25 Soldering Iron with 1/16" screwdriver tip, 1/32" conical and 3/32" screwdriver extra tips, soldering aid tool, and rosin-cora solder, plus Xcelita 1/4" nutdriver, 1/8" slotted-screw driver, No. 1 Phillips-type driver, 4" short chain-nose pliers, 4" diagonal cutting pliers, wira stripper/cutter, and plastic carrying case. UL listed. Packed individually, 6/carton.

WELLER SPECIALIZED SOLDERING KIT

Soldering Hobby Kit

MODEL 230-K

OUR PRICE $19.95

DESCRIPTION

12-piece kit for soldering, leather tooling, wood burning, plastic sculpturing, model-making, etc. Includes SP23 iron; hot knifa tip, smoothing tip, and four other tips; sponge: hot-iron rest; soldering aid tool; rosin-cora solder; instruction booklet; and plastic carrying case. UL listed. Packed individually, 6/carton.

XCELITE SCREWDRIVER SETS

MODEL SDX-22

OUR PRICE $17.95

DESCRIPTION

Contains 5 pieces, all Phillips. Catalog Nos. X-100, X-101, X-102, X-103, SX-102.

MODEL SD-3V

OUR PRICE $4.95

DESCRIPTION

Contains 3 pocket-clip screwdrivere — R-181, and R-3322 for slotted ecrews, P-12S for Phillips head screws.

MODEL SRX-33

OUR PRICE $19.95

DESCRIPTION

Screwdrivar Set No. SRX-33 contains 8 pieces — X-101 and X-102 for Phillips head screws, R184, R3166, R5166, R144 for slottad screws.

XCELITE SUPER-TRU TIP (PHILLIPS TYPE) SCREWDRIVER SET

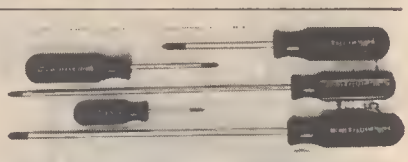
MODEL XST-3

OUR PRICE $12.95

DESCRIPTION

Contains 3 pieces — all Phillips. Catalog Nos. XST-100, XST-101, XST-102.

XCELITE SUPER-TRU TIP (PHILLIPS TYPE) SCREWDRIVER SET



MODEL XST-5

OUR PRICE $21.95

DESCRIPTION

Contains 5 placas — all Phillips. Catalog Nos. XST-100, XST-101, XST-102, XST-1010, XST-1020.

XCELITE SUPER-TRU TIP (PHILLIPS TYPE)

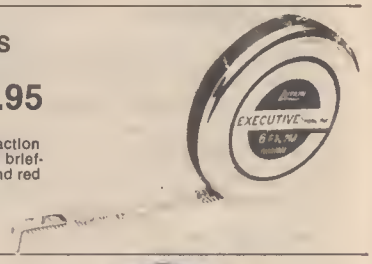
DESCRIPTION

The bright, nickel chrome blades have tips which have been specially treated and finished with black oxide for the ultimate in control. The advantaga lias in the closer fit of the super-tru tips for much longer weer life and the reduction of damage to screw head recesses, especially in the smaller size fasteners.

SPECIFICATIONS

Model No.	Point Size	Blede Diam. (Inches)	Blede Length (Inches)	Overell Length (Inches)	Our Price
XST-100	0	1/8	2	4-4/8	$2.90
XST-101	1	3/16	3	6-5/8	3.90
XST-102	2	1/4	4	8-1/8	4.90
XST-1010	1	3/18	10	13-5/8	5.90
XST-1020	2	1/4	10	14-1/8	8.50

LUFKIN SPECIALTY TAPES EXECUTIVE® THINLINE



MODEL W-606 **OUR PRICE $9.95**

DESCRIPTION

Yellow clad. Polished chrome case. Spring action returns blade to case. Convenient for office, briefcase and pocket. Easy to read bold black and red print on yellow background.
1/4" X 6 Ft.

LUFKIN ECONOMY TAPE MEASURE

DESCRIPTION

Yellow clad. Lightweight—6'/2m model is 2 oz. High strength matt-black finished cese.

Model	Dimensions	Our Price
Y-828 (W828)	1/2" x 8'	$4.95
Y-8210 (W8210	1/2" x 10'	5.95
Y-6212 (W8212)	1/2" x 12'	8.95

SOLDERING TOOLS & SPIKE PROTECTORS

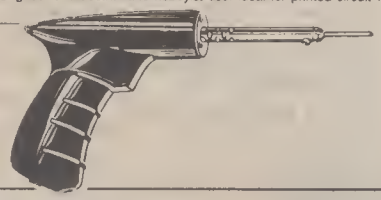
BP PENCIL SOLDERING IRON
MODEL FS-30

OUR PRICE **$2.95**

10 FOR **$25.00**

Lightweight 30 watt general purpose iron is designed for industrial and hobbyist use. Ideal for printed circuit work and kit building. 250° tip temperature.

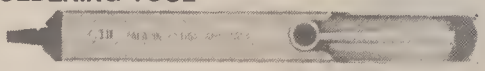
PISTOL GRIP SOLDERING IRON
MODEL FS-32



OUR PRICE **$3.99**

10 FOR **$30.00** 30 watts.

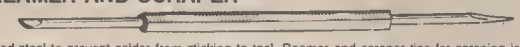
PALADIN DESOLDERING TOOL
MODEL PA-1704



OUR PRICE **$19.95**

To us, "anti-static" means no static discharge. None at all. And so the PA-1704 is 100% conductive...from top to tip! Once the PA-1704 is touched by a grounded operator, built-up static is completely discharged.

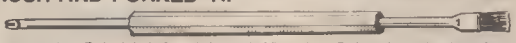
MODEL 9069 REAMER AND SCRAPER



OUR PRICE **$2.95**

Twist proof, chrome plated steel to prevent solder from sticking to tool. Reamer and scraper tips for scraping joints or reaming out lug holes. Both ends are insulated from each other. **6-1/2" long—plastic handle.**

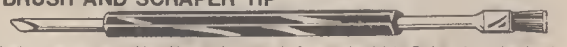
MODEL 9073 BRUSH AND FORKED TIP



OUR PRICE **$2.95**

Brush on one end, forked top on other. Forked tip is for twisting or holding wires. Both ends are insulated from one another. **6-1/2" long-plastic handle.**

MODEL 9074 BRUSH AND SCRAPER TIP



OUR PRICE **$2.95**

Brush on on end for dusting away excess solder chips, and scraper tip for scraping joints. Both ends are insulated from each other. **6-1/2" long—plastic handle.**

MODEL 9075 STRAIGHT REAMER AND FORKED TIP

OUR PRICE **$2.95**

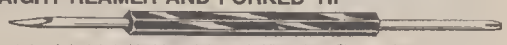
Made from heat treated tool steel, solder will not stick to it. Forked tip on one end, straight reamer on the other end. A must for serviceman's bench or tool kit. **6-1/2" long—plastic handle.**

MODEL 9076 ANGLE REAMER AND FORKED TIP

OUR PRICE **$2.95**

Heat treated tool steel prevents solder from sticking to tool. Forked tip for twisting or holding wires, angled reamer on other end. **6-1/2" long-plastic handle.**

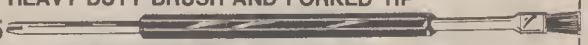
MODEL 9086 STRAIGHT REAMER AND FORKED TIP



OUR PRICE **$2.95**

Straight reamer for cleaning lug holes, forked tip is ideal for twisting or holding wires. Chrome plated steel to prevent solder from sticking to tool. **8" long—plastic handle.**

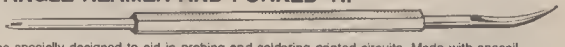
MODEL 9088 HEAVY DUTY BRUSH AND FORKED TIP



OUR PRICE **$2.95**

Made of special stainless steel with hardened probe. Solder will not stick to it. One end has a stiff wire brush for cleaning off solder terminals. The other end is machined to help in unsoldering wires which are wrapped around terminals and lugs, and for holding wires. **8" long—plastic handle.**

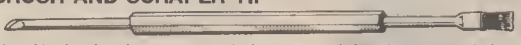
MODEL 9093 ANGLE REAMER AND FORKED TIP



OUR PRICE **$2.95**

Handy, fine point probe specially designed to aid in probing and soldering printed circuits. Made with special stainless steel hardened probes, solder will not stick to it. **8" long—plastic handle**

MODEL 9094 BRUSH AND SCRAPER TIP



OUR PRICE **$2.95**

Fine stainless steel brush and hardened steel scraper are required to scrape and clean the silicone resin from the printed circuit before any repair can be made. Save time on printed circuits. **8" long—plastic handle.**

COOOL-IT MINI FAN
MODEL 4154 OUR PRICE **$24.95**

DESCRIPTION

It's a breeze at 3100 RPM, COOOL-IT moves a big 50 cubic feet of air every minute. And does it with about one fifth the electricity used by a 60 watt lamp.

COOOL-IT is UL approved, so powerful yet so compact. Size: 4-1/2"H x 3-1/2"W x 4"D.

GC ELECTRONICS NIBBLING TOOL
MODEL 805 OUR PRICE **$9.95**

DESCRIPTION

This unique hand operated nibbling tool cuts sheet metal vary similar to a chassis punch.

Simply start with a 3/8" hole and nibble to shape and size desired. Easy to use, yet it cuts up to 18 Ga (.046 max.) steel, 1/18" copper aluminum and plastic.

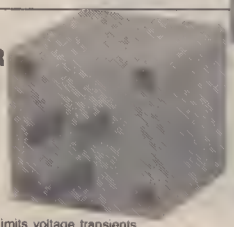
PALADIN SOLDER SCOOTER
MODEL PA-1707 OUR PRICE **$27.95**

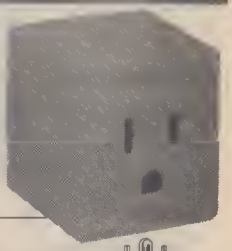
Paladin's new Solder Scooter Model PA-1707 is the lowest cost electric desoldering tool in the world.

The one tool that replaces two...it heats and desolders.

The Solder Scooter makes desoldering single or two sided PC boards a snap. Its compact design and unique features makes it an ideal tool for field repair, and re-work jobs. The ceramic substrate heater quickly melts the solder joint, this and the integral vacuum pump pulls solder from the board quickly, quietly and thoroughly.

BP HEAVY DUTY SPIKE PROTECTOR with Surge Protection
MODEL NF-728





OUR PRICE

$4.95 each

10 FOR **$45.00**

- Protects all valuable equipment. • Limits voltage transients.
- Single outlet with noise filter and surge protection. • Gold & Silver plating

SNAPIT AMP AC FAULT FINDER
MODEL 49662

OUR PRICE **$5.95** each 10 FOR **$50.00**

CHECKS ALL THESE ELECTRICAL CIRCUIT CONDITIONS

- Open Ground • Open Hot • Open Neutral • Correct
- Hot/Ground—Reversed • Hot/Neutral—Reversed

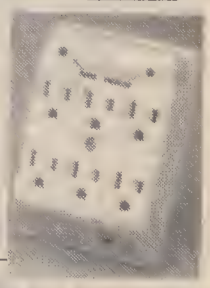
DESCRIPTION

This revolutionary AC Fault Finder has indicator lights and chart on both sides to describe the condition for each lighting arrangement. Plug in odd illuminated signals indicate reverse polarity, faulty wiring, missing grounds and/or correct wiring conditions.

TRIPP LITE SPIKE BLOCK

Suppress Transient Spikes from Static Electricity, Motors, Lightning, etc., Along with Radio Frequency Interference.

MODEL SK6-0 OUR PRICE **$22.50**



The SK6-0 is designed for: computers, stereos, audio/visual equipment, typewriters, word processors, TV's, test equipment, and phone systems. It cleans up AC power for computers, and helps prevent data loss, false printouts, monitor distortion and computer component damage.

SPECIFICATIONS

Indicator Lights: 1-red for power on, 1-green for suppression components on. **Clamping Response Time**: within 20ns. **Initial Clamping Voltage**: 150VAC RMS. **Energy**: supresses up to 219 joule spikes at current levels up to 13,000 amps. **Protection Mode**: Normal or transverse mode. **Radio Frequency Filtering & Transient Suppression**: meets or exceeds IEEE specification #587. **Load Handling**: 15 amps (1875 watts).

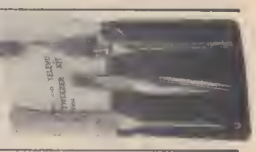
OUTLET STRIP With Circuit Breaker
MODEL COMP-731

OUR PRICE **$19.95** each

10 FOR **$180.00**

- Circuit breaker built-in. • Outlets: "U" ground-Six. • UL listed
- Size: 13-1/8"L x 2-3/8"W x 1-1/2"H. • Overload protection. • 6 ft. cord.
- Max rating: 15A, 125VAC, 60Hz, 1875W continuous duty.
- Reset mini breaker. • Seamless steel case with baked-on finish. • Case length: 12" excluding mounting tabs.

GC ELECTRONICS TWEEZER KIT
MODEL 7950 OUR PRICE **$9.95**



DESCRIPTION

For the shop or laboratory, to pick up small parts, start screws, to get into hard-to-reach places, strining dial cord, fastening springs—numerous uses. Kit contains one of each of models 7943, 7947, 7948.

GC ELECTRONICS ELECTRONIC ASSEMBLY TWEEZERS

PRECISION QUALITY

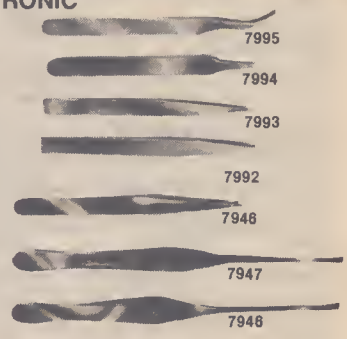
For electronic and fine assembly work where non-contamination is essential.
Stainless steel—non-magnetic.

MODEL		OUR PRICE
7992	5-1/2" Long beveled points	$6.95
7993	4-1/8" Long fine points	7.95
7994	4-1/4" Long extra fine points	9.95
7995	4-1/2" Long curved points	8.95

SUPERIOR QUALITY

Nickel plated forged steel.

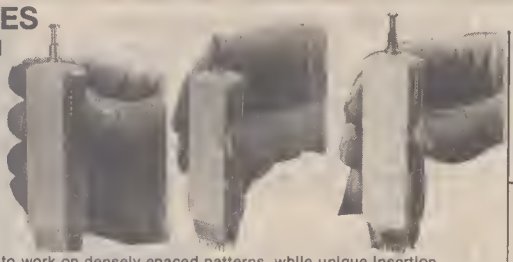
MODEL		OUR PRICE
7946	6-1/2" Long, self closing, blunt points (serrated)	$2.95
7947	6-1/2" Long, slide lock, smooth points	2.95
7948	4-1/2" Long, fine points	2.95



CHARGE IT • VISA • MASTER CARD • AMERICAN EXPRESS • Toll Free 800-645-9518 • NYS Toll Free 800-832-1446

SOLDERING EQUIPMENT

OK INDUSTRIES
DIP IC INSERTION TOOLS
With PIN Straightener



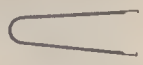
14-16 PIN DIP/IC INSERTER
MODEL INS-1416

OUR PRICE $5.95

DESCRIPTION
Narrow profile permits tool to work on densely spaced patterns, while unique insertion mechanism assures accuracy as well as excellent 'feel'. Finally, the tool includes a remarkable pin straightener built into the handle. Simply insert the IC, rock it on the straightening saddle, and push down on the tool. An automatic ejector delivers the IC ready to be placed in the insertion end for installation in your board or socket.

14-16 PIN, MOS CMOS SAFE INSERTER—MOS-1416 ..... $11.45
24-28 PIN, MOS CMOS SAFE INSERTER—MOS-2428 ..... 11.45
36-40 PIN, MOS CMOS SAFE INSERTER—MOS-40 ..... 12.95

OK INDUSTRIES DIP IC EXTRACTOR TOOL
MODEL EX-1



OUR PRICE $4.95

DESCRIPTION
Extracts all LSI, MSI and SSI devices from 8 to 24 pins.

GC ELECTRONICS
POSITIVE METHOD PRINTED CIRCUIT KIT
MODEL 22-310 OUR PRICE $29.95

Complete kit for making 2 complete printed circuit boards using the positive method. Kit contains: 2 presensitized PC boards (3" x 4" and 4" x 6"), developer concentrate, etching solution, etch resist pen and drafting aids. Comes complete with instruction manual and plastic case. Chemicals and accessories are sufficient for an additional 5 to 10 boards, depending on size.

DELUXE POSITIVE METHOD PRINTING CIRCUIT KIT
MODEL 22-312 OUR PRICE $49.95

Includes all essential materials for making professional printed circuit boards using the positive method. Kit contains: drafting aids, tray set, etch resist lacquer and pen, developer concentrate, etching solution, stripping solution, layout film (2 sheets—8-1/2" x 11"), contact frame, drill bits, 4 presensitized PC boards (one each 4" x 3" and 6" x 6") two 4" x 6" and a printed circuit handbook.

GC ELECTRONICS NEGATIVE ACTING LIFT-IT KIT
MODEL 22-318

OUR PRICE $29.95

DESCRIPTION
Kit for making finished PC boards from any printed page layout. Apply Lift-it Transfer Sheets and drawing is transformed into clear, insoluble plastic film that can be used as a 'positive' for making PC board 'negative'. Eliminates time consuming drawing or photographing of circuits and reproduces exact circuit design with no chance of error.

CONTENTS
- 2 Lift-it transfer sheets (8-1/2" x 11"). • 1 mylar sheet (8-1/2" x 11").
- 1 contact film (10" x 12"). • 1 plastic etching tray (5-1/4" x 7-1/4").
- 2 aluminum developing trays (4-1/4" x 8-3/4"). • 1 step-by-step instruction booklet.
- 2 oz. PC contact film developer. • 2 oz. etch resist sensitizer.
- 1/2 oz. etch resist lacquer. • 2 oz. PC board stripping solution.
- 6 oz. PC board etching solution. • 16 oz. PC board developing solution.

GC ELECTRONICS FINE LINE BURNISHING TOOL
MODEL 9337 OUR PRICE $1.95

MODEL 9338 OUR PRICE $1.95

DESCRIPTION
An ideal device for cleaning oxide as well as corrosion from contacts in compact relays, switches, and other miniature components. The No. 9337 burnishing tool is extremely useful. Thin, only .120" wide, this tool affords easy access.

BP SOLDER WICK
For desoldering component leads from a pc board or removing solder from virtually any joint. Solder wick removes the solder by capillary action. Simple to use. Place solder wick on defective connection, apply soldering iron to wick for a second. Remove wick and soldering iron simultaneously. 'Pull-out' wick supplied in a special covered reel.

Model	Application	Description	Our Price
AA (yellow)	Electronic: PC boards; thin wires	1/16" wide.	$1.75 10 for $12.00
AB (green)	General purpose	3/32" wide.	$1.75 10 for $12.00
BB (blue)	Electrical: large wires	1/8" wide.	$1.75 10 for $12.00

EDSYN SOLDAPULLT Deluxe Desoldering Tool
MODEL DS-017

OUR PRICE $19.95

DESCRIPTION
Extremely rugged for volume desoldering. Heavy duty plastic barrel and trigger housing for long, dependable operation. Simple twist-lock separation for fast cleaning. Oversize plunger fully enclosed for safety. Heavy mainspring creates high vacuum pulse. Dynamic damping reduces kickback.

EDSYN SOLDAPULLT Universal Desoldering Tool
MODEL US-140

OUR PRICE $9.95

DESCRIPTION
Compact tool for convenient tool box storage. Precision molded plastic barrel and low mass plunger creates rapid vacuum impulse with negligible coil. Three position plunger adjusts loading span to fit large or small hands. Ample vacuum for most circuit board desoldering requirements.

EDSYN SOLDAPULLT Low Static Potential Desoldering Tool
MODEL AS-196

OUR PRICE $24.95

DESCRIPTION
Designed for low static work stations to protect components from effects of static electricity. Low static electrical characteristics providing ground path via operator, reducing discharge to susceptible components. Special material protects operator from a direct electrical short or shock.

EDSYN SOLDAPULLT III Portable Desoldering Tool
MODEL PT-109

OUR PRICE $14.95

DESCRIPTION
Sturdy tool for routine desoldering. Slim profile without sacrifice in performance has Deluxe Model features; fully enclosed plunger shaft; dynamic damping for very low recoil. Preferred by many technicians. Quickly desolders average size components and wiring.

EDSYN STANDARD SOLDAVAC
MODEL SV-026

OUR PRICE $10.95

DESCRIPTION
The standard Soldavac is the hobbyist and handyman's tool, featuring one hand loading, swift vacuum, and low recoil action.

EDSYN MICRO TIPPED SOLDAPULLT III
MODEL PT-209

OUR PRICE $17.95

DESCRIPTION
The Micro tipped version is identical in size and performance to the smooth acting PT109 Soldapullt III, however, the smaller 3/32" I.D. tip orifice (vs 1/8" I.D. standard) is better suited for high density circuit boards. The smaller tip orifice provides higher vacuum velocity which helps pull solder from difficult to reach circuit pads. The more slender profile of the tip is ideal for close-in work of TO-92 size transistors, DIP and round pattern IC's, multipin connectors, etc. Replacement tip: MRT-16. Replacement 'O' ring: OSB32.

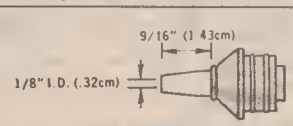
EDSYN MICRO TIPPED UNIVERSAL SOLDAPULLT
MODEL US-240

OUR PRICE $14.95

DESCRIPTION
Has all the same features as the US140 Universal Soldapullt except equipped with a smaller 3/32" I.D. tip for micro desoldering of round pattern and DIP IC's, TO-92 transistors, miniature connectors, and high density PCB's with .062 Dia. and smaller pads. The micro tip allows higher vacuum velocity for better solder removal where it is difficult to get close to the connection. Replacement tip: MRT-16. Replacement 'O' ring: OS143.

EDSYN REPLACEMENT TIP
MODEL SRT-12

OUR PRICE $3.50



Fits DS-017, DS-101, PT-109, US-140, SV-028.

BP DISPENSER PACK SOLDER
MODEL DS-1

OUR PRICE 79¢ each
5 FOR $3.50

60/40 rosin core type. Diameter: 0.050". The best for all electronic soldering.

BP ROSIN CORE SOLDER

Model	Alloy	Wt.	Dia.	Our Price
31	60/40	1 lb.	.031	$13.50

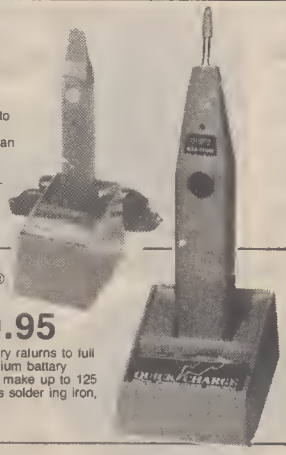
Flux Properties
The 'instant action' behavior of BP Rosin is a most outstanding property and even more important and more significant is the fact that the flux is completely non-corrosive and electrically non-conductive. Throughout its long years of wide usage in the electric and electronic industry, involving countless billions of soldered connections, there has never been a known case of corrosion by the flux residue.

CALL US MONDAY THRU FRIDAY 8:00 AM to 6:30 PM • SATURDAY 9:00 AM to 3:00 PM E.S.T.

WAHL ISO-TIP® "60" CORDLESS SOLDERING IRON

MODEL 7800 OUR PRICE $47.95

Fastest recharging cordless soldering iron on tha markat. Soldars up to 125 electronic joints* per charga. Recharges fully in one hour — or enough for rause in a few minutes. Allows "20% continuous use" whan kapt in charger between uses. Iron switches automatically to anargy-saving trickle-charging rate whan battary becomas full. LED indicator shows whan battary is charged. Cannot overcharge. Kit contains cordless soldering iron, recharging stand. #7577 tip, #7545 tip and instructions.



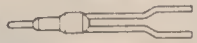
WAHL "QUICK CHARGE" ISO-TIP® CORDLESS SOLDERING IRON

MODEL 7700 OUR PRICE $39.95

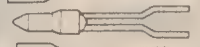
Recharges completely in 3 to 4-1/2 hours. A partially discharged battery raturns to full capacity in an hour or two. Long lasting, pramium quality nickel cadmium battary withstands high-rata charging without damage. Fully charged unit can make up to 125 electronic joints* per charga. Cannot ovarcharge. Kit contains cordlass solder ing iron, recharging stand. #7545 tip, #7546 tip and instructions

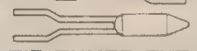
WAHL TIPS FOR CORDLESS IRON

OUR PRICE $3.95 each 4 FOR $14.00

MODEL 7566  Micro Soldering Tip 1/64" (.4mm).

MODEL 7545 Fine Tip 1/16" (1.6mm).

MODEL 7535  Regular Tip 5/32" (4mm).

MODEL 7546  Heavy Duty Tip high wattage 3/16" (4.8mm).

SPECIALTY TIP TUNER EXTENSION TIP

MODEL 7556 OUR PRICE $5.95
Diameter 1/16"

CIRCUIT BREAKER TIP

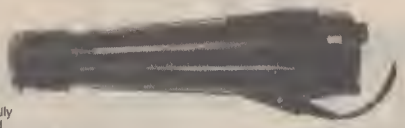
MODEL 7541 OUR PRICE $3.95

WAHL THERMAL-SPOT CIRCUIT TESTER

Finds Faulty Components Quickly and Easily

MODEL 5800

OUR PRICE $49.95

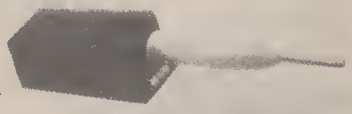


The tester approaches the problam of thermally caused intermittents logically—no heating and then artifically cooling tha component with sprays. The tester directs haat to the suspected capacitor or transistor, ona compo nant at a tima and heats them as in normal operation.

WAHL ISO-TIP® FOLD 'N STORE

MODEL 7290

OUR PRICE $14.95



Designed to serve as bench stand, traveling case and storage, box, all in one. In tha open position, tha stand provides a convenient holder for a hot iron — with a tip-cleaning sponga in an internal well. Closed, the stand locks the iron in placa for neat, aasy storage or travel while the iron is still hot. Metal case ia a compact 1-3/4" x 2" x 4-3/4" to fit tool box or caddy #7290.

WAHL ISOTIP HIGH SPEED ELECTRONIC TECHNICIAN DRILL

MODEL 6275 OUR PRICE $44.95

Operating at approximataly 16,000 RPM. the drill is ideal for prototype development; ravising/redesigning circuit boards: ramoving solder from printed circuits and printed circuit boards; and laaning lead holas. With an overall langth of lass than 6 inches (minus drill bit), the drill can be used in confined areas, eliminating tha need to remove circuit boards, chassis etc., from cabinatry when making a repair.
Drill includes 3-jaw chuck and 110V transformar packed in convanient plastic storage bag

Also available Model 6550 Drill Bit #56 **Our Price $1.75**

WAHL ISO-TIP® PC DRILL

Attachment To Convert Your Iron To a Portable Drill

MODEL 6500

OUR PRICE $19.95

Interchanges with Wahl snap-in tips, providing a .046 (No. 56) drill with 10,000-12,000 operating rpm. Ideal for cleaning solder from circuit boards when raplacing components or providing naw holes for PC board repair. Often eliminates need to remove board to maka a repair.

WELLER PENCIL THIN SOLDERING STATION

MODEL WM-120

OUR PRICE $24.95

The Weller WM-120 12 watt miniature soldering iron packs quality features into a lightweight, pencil thin soldering iron with a break-rasistant stay-cool handle.

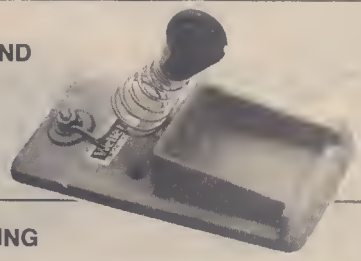
Designed for soldering miniature heat and voltaga sensitive components where precision touch is essential, tha WM-120 waighs .7 ounces and measuras 7" less tip. It developes a tip tamperature of 800°F and accomodates the Wallar MP series of automatic slide-in tips.

WELLER SOLDERING TOOL STAND

For WM-120 Iron

MODEL PHM-120

OUR PRICE $12.95



Soldaring tool stand with base, sponge and receptacla.

WELLER DE-SOLDERING ADAPTOR

MODEL DSTCP

OUR PRICE $22.95

Versatile attachment for Models WTCPR, WTCPZ and WTCPL. Permita operator to desolder and re-solder with same tool

WELLER DE-SOLDERING BULB

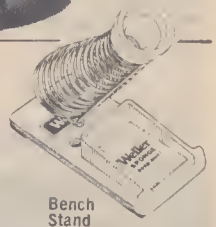
MODEL AC-303P

OUR PRICE $7.95

WELLER SOLDERING TOOL STANDS

DESCRIPTION

Specifically dasigned to extand life of Weller tools. PH stands have haavy non-sliding cast bases with sponge receptacle and "non-heat-sinking" spring stand and funnal. SF stands comprised of spring and funnel only, for bench, wall, and side rail mounting



Bench Stand

MODEL	DESCRIPTION	OUR PRICE
PH-25	Versatile stand can be elthar free standing or mounted. Sturdy aluminum construction. Prevents accidental burns on bench or work surface. Keeps iron handy and raady for soldering. For WP-25 and WP-40 irons.	$10.95
PH-60	Soldering Tool Stand, with base and aponge. For W-60, WP-25, WP-40, WPS and irons with barrel diameters up to 15/32".	$13.95
PH-100	Soldering Tool Stand, with sponge. For W-100 and irons with barral diameters up to 19/32".	$14.95

WELLER PROFESSIONAL SOLDERING IRONS (Series WP) *For Industrial Applications, Tradesmen, Hobbyists*

MODEL WP-25 20 Watt

OUR PRICE $19.95

1/18" screwdriver tip. 2-wire cord. 120V.
One per card.

MODEL WP-40 35 Watt

OUR PRICE $24.95

Screwdriver tip. 2-wira cord. 120V.
One per card

DESCRIPTON

Top quality, industrial grade. Rugged stainless steel barrel. Long life double coatad tips. Popular pencil styling. Light blue handla with black heat shield, cool comfortable grip. Only 7-7/8" long. 1-3/4 oz. Blister pack. UL listed.

WELLER CONTROLLED OUTPUT INDUSTRIAL SOLDERING IRONS (Series W)

High quality tools with controlled temperature. Selection (600°, 700°, or 800°F) by changing tips. New blue color 120V 50/60 Hz. Use only with Weller PH and SF series soldering toll stands to affect a complata soldering station. These are automatically controlled tools and should be used with 'non-haat-sinking' Waller stands. Use of improper metallic stands will affect life of tool and tip. Boxed.

MODEL W-60P OUR PRICE $39.95

Versatile 60 watt iron, a compact 7-1/4" long and lightweight at 2-1/2 oz. Furnished with 700°F, 1/16" screwdriver top No. CT5A7 and 2-wira oord.

MODEL W-100 OUR PRICE $47.95

For heavier-duty use, this 100 watt iron is 8-1/4" long and weighs 3-1/2 oz. Furnished with 700°F, 3/8" screwdriver tip No. CT6F7 and 2-wira cord.

CALL US/WE ACCEPT PHONE ORDERS • TOLL FREE 800-645-9518 • NYS TOLL FREE 800-832-1446

VISES - BUY THE HEAD THAT FITS THE BASE

PANAVISE ORIGINAL BASE
MODEL 300

OUR PRICE $16.50

DESCRIPTION
Holds all Panevise heeds end p.c. boerds holders. The variable loed control knob and exclusive splitball feature have a renge of teneion which permits moving work to eny position. Can either be permanently installed or can ettach to bese mounts.

PANAVISE STANDARD PANAVISE
MODEL 301

OUR PRICE $32.95

DESCRIPTION
This all-purpose Standerd PanaVlee tilts, turns and rotates. Coneisting of a Standard Base, Model 300 and a 303 Head, the 301 has nylon jaws with e setin finish for e firm grip. Just one convenient control knob locks work firmly in any position.

PANAVISE STANDARD HEAD
MODEL 303 **OUR PRICE $19.95**

DESCRIPTION
Thie top selling ell purpose head opens 2¼". It has non-conductive satin tinish nylon jaws lor increased grip end gentle strength. Head is pressure diecast aluminum alloy, with steel and brass inserts. Fits ell PanaVise bases.

PANAVISE LOW PROFILE HEAD
MODEL 304

OUR PRICE $21.50

DESCRIPTION
This head has the seme basic mechanical features as the standard head except the stem is cast into the rear ol the head to permit positioning close to the bench eurface. It is particularly suited for the 305 Low Profile Base which permits swinging it out and away lrom the work bench.

PANAVISE BENCH CLAMP BASE MOUNT
MODEL 311
OUR PRICE

$24.95

DESCRIPTION
Provides portable mounting for the 300 and 305 bases. Clemps to the edge ol e work bench, table or counter. Securely ettaches with a clamping screw which opens to a maximum 3½". Mounting screws included.

PANAVISE SOLDER AND IRON HOLDERS
MODEL 371

OUR PRICE $7.95

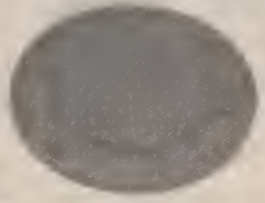
DESCRIPTION
A combinatlon ol nib sponges, solder holder and soldering ironholder. Attach with ecrews provided to base mounts 308 or 312. For rlght or left handed uee. Also, cen be used free standing or bench or wall mounted.

PANAVISE LOW PROFILE BASE
MODEL 305

OUR PRICE $16.50

DESCRIPTION
This base has all the feetures of the standerd PanaVise base. Just 2½" high, it is designed for working close to the bench surfece.
Three holes in the base ere for permanent mounting or attachment to a base mount.

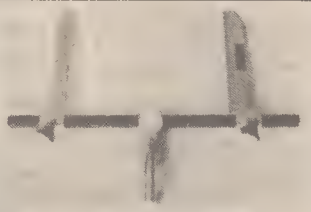
PANAVISE TRAY BASE MOUNT
MODEL 312-P
OUR PRICE



$16.95

DESCRIPTION
Holds either the Model 300 or 305 base securely. Six individual trays to hold small parts and tools separate. Wide 8¼" diameter catches dropped parts slip resistant neoprene feet give no-tip stability. Mounting screws included.

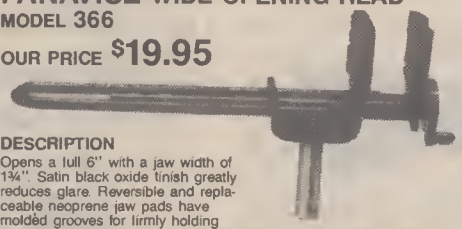
PANAVISE CIRCUIT BOARD HOLDER
MODEL 315
OUR PRICE



$21.50

DESCRIPTION
Holds p.c. boards of any shape and size up to 12" wide exactly where you want them. The arms may be moved independently in either direction and also may be poeitioned adjacent to one another.

PANAVISE WIDE OPENING HEAD
MODEL 366
OUR PRICE $19.95



DESCRIPTION
Opens a lull 6" with a jaw width of 1¾". Satin black oxide tinish greatly reduces glare. Reversible and replaceable neoprene jaw pads have moldéd grooves for firmly holding p.c. boards and, when reversed, the wide "V" configuration securely holds cylindricel objects.

PANAVISE WIDE OPENING HEAD
MODEL 396
OUR PRICE

$33.95

DESCRIPTION
Designed to hold projects in any position for assembly or repairs, the Panavise 396 is a combination ot the 366 Wide Opening Head and the 300 Standard Base.
Each full turn ot the insulated handle permits micro-adjustments to the exact pressure required.

PANAVISE SELF-CENTERING EXTRA WIDE OPENING HEAD
MODEL 376 **OUR PRICE $24.50**

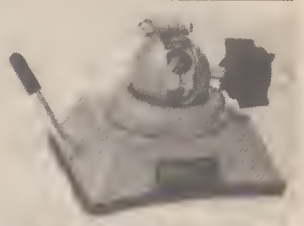
DESCRIPTION
Double action jaws provide fast opening end cloeing end eupport of heevy loads. Opens to e full 9". Ribbed on one eide and "V" grooved on the other, the 376's reversible jaw pads firmly hold cylindrical or odd shaped iteme. Fits all of the Series 300 bases.

PANAVISE WEIGHTED BASE MOUNT
MODEL 308

OUR PRICE $17.75

DESCRIPTION
This mount Is drilled end tapped for Model 300 end 305 beses to give your PaneVise stable portability. Of cast iron, the mounting weighs 5 lbs. and has non-marring, enti-skld feet. Mounting screws Included.

PANAVISE VACUUM BASE
MODEL 380
OUR PRICE



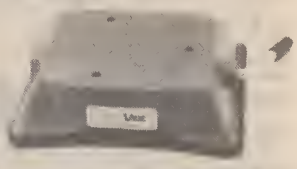
$22.95

DESCRIPTION
This base attaches instantly, with a lirm grip, without marring to smooth non-porous surfaces such as smooth formica tables, porcelain or stainless counters. A flip of the lever attaches and releases the heavy duty suction ped.

PANAVISE VACUUM BASE
MODEL 381
OUR PRICE $39.95

DESCRIPTION
The 380 Vacuum Base is combined with the Model 303 Standard Head to create the same versatility of the Standard PanaVise with portability. Half turn of the mount lever attaches and releases powerful suction pad to allow setups in a variety ol locations with a smooth non-porous surface.

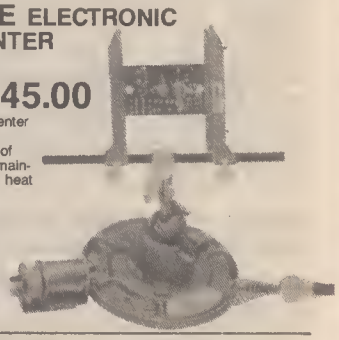
PANAVISE VACUUM MOUNT
MODEL 379
OUR PRICE



$14.95

DESCRIPTION
A heavy duty suction pad which attaches firmly to any non-porous smooth surface. It is pre-drilled for attaching your own instruments or devices with 3 holes two inches apart. Flat surface 3"x 3¼".

PANAVISE ELECTRONIC WORK CENTER
MODEL 324



OUR PRICE $45.00

This handy work center is convenient yet economical. Angle of solder iron holder maintains iron at proper heat end solder holder sell centers wire. Sturdy stable, yet easily mobile, the 324 keeps everything right at hand. (Combination of 315, 300, 312, and 371)

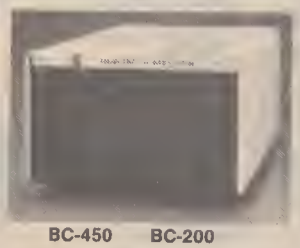
PANAVISE MULTI-PURPOSE WORK CENTER
MODEL 350 **OUR PRICE $45.00**

This unit can be used to work on objects up to 9" in size as well as those tiny hard to hold objects. The Standard base tilts, turns and rotates to any work position and the trey base mount keeps small parts end tools right at hand. (Combination ol 376, 300 and 312).

FORDHAM RADIO • 260 MOTOR PARKWAY • HAUPPAUGE • NEW YORK 11788

TRIPP LITE BC SERIES: EMERGENCY POWER SYSTEM

BC-1000FC



BC-450 BC-200

DESCRIPTION

BC SERIES: Thase Emergancy Powar Systams include a self containad, maintenance-lraa gal call battary, DC to AC invertar, regulated battary chargar end automatic (10 millisacond) transfar switch in an attractive desk top housing. Eech Power System is shippad ready to plug into tha wall end usa. No installation or assamblу is raquired. An eudibla elarm parmits tha oparator to start an ordarly shut down, end the siza ol tha battary providas adaquate tima to insure thet thasa proceduras can be complatad. Onca power is restored, tha ragulatad battary chargar automatically starts rastoring tha bettary to full powar.

CAUTION: Thase modals era not suitabla for long term operation during powar failuras.

MODEL BC-1000FC OUR PRICE $995.00

DESCRIPTION

Complataly self-contained 1000 watt amergency power systam with its own built-in 55 ampera hour battary. Also laatures an audible warning signal whan power has failed and frequency-control for constant 60Hz (±1/2 Hz) output, suitabla for more sensitive electronic equipmant.

SPECIFICATIONS

Wattage: 1000 W. **Dutput voltage:** 120V, AC 60 Hz ±1/2 Hz. **Input voltage:** 12V. **Back-up powsr time:**

LOAD	TIME
1000 watts	16 minutas
750 watts	21 minutas
500 watts	38 minutes
300 watts	90 minutes

MODEL BC-450 OUR PRICE $469.95

DESCRIPTION

Completely sell-containad 450 watt amargen cy power systam with its own built-in 28 ampera hour battery. Also faatures en audibla warning signal whan power has failed and frequency-control for constant 60 Hz (±1/2 Hz) output, sutitabla lor mora sensitive electronic equipmant.

SPECIFICATIONS

Wattage: 450 W. **Dutput voltage:** 120V, AC 60 Hz ±1/2 Hz. **Beck-up power tlms:**

LOAD	TIME
450 watts	10 minutas
240 watts	30 minutas
160 watts	50 minutas
80 wetts	120 minutes

MODEL BC-200 OUR PRICE $299.95

DESCRIPTION

Complataly sell-contained 200 wett amargan cy watt systam with its own built-in battery. No installation raquirad. BC plugs into well end equipmant to ba protactad plug into BC.

SPECIFICATIONS

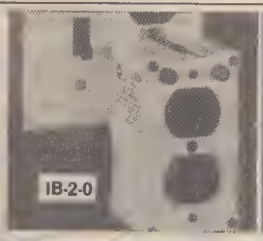
Wittage: 200 W. **Dutput voltags:** 120V, AC 60 Hz. **Beck-up power tlms:**

LDAD	TIME 10A hr. standard battery
200 watts	10 minutas
100 watts	30 minutas
50 watts	60 minutas

ISOBAR® NOISE FILTER AND SURGE SUPPRESSORS

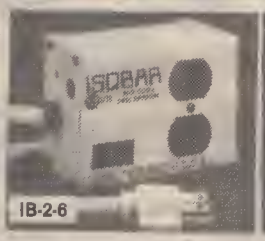
DESCRIPTION

High Voltage Spike Protec tion: Handlas up to 13,000 amp spikes. Starts supprass ing spikes at 140 volts AC RMS. 70-Watt-second capaci ty. High Voltaga spike pro tection works batwaan ground and neutral, neutral and hot, and hot and ground. **Transient Response Time:** Lass than 5 nanosaconds. Transiant amplitude reduc tion occurs fastar than tha clemp rasponse of the varistors bacause ol tha high rejection rata ol tha Isobar filter networks.
High Frequency Noise Sup pression: Greatar then 30 db @ 50kHz. Graatar than 40db @ 150kHz. Greater than 80db @1MHz. Greeter than 30db from 6MHz to 1000MHz

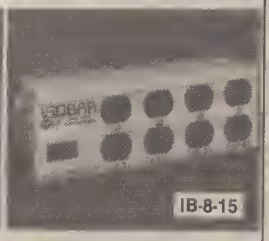


IB-2-0

IB-4-6



IB-2-6

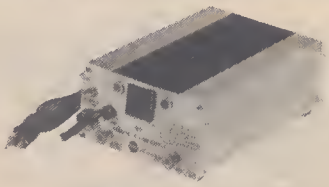


IB-8-15

Model #	IB-2-0	IB-2-6	IB-4-6	IB-8-15
No. of Outlets	2	2	4	8
No. of Filter Banks	1	1	2	4
Ltg. of Cord	Direct Plug-in	6 Ft.	6 Ft.	12 Ft.
LxHxD inches	2-3/8x4-1/8x2-1/2	5-1/2x2-1/2x3-1/2	6-1/2x2-1/2x3-1/2	10-1/2x2-1/2x3-1/3
On/Off Switch	No	Yes	Yes	Yes
On/Off Light	Yes	Yes	Yes	Yes
Circuit Breaker	No	No	15 amp	15 amp
Features	Protection Ind. Lite	1 Main Filter	2 Indiv. Filters	4 Indiv. Filters
Weight	1 lb	2 lbs.	2-1/2 lbs.	4 lbs.
Input	125vAC, 15 amps; Std. 3 prong plug			
Load Handling	1875 Watts max. Total load; 15 amps per socket			
Our Price	$37.95	$49.95	$59.95	$79.95

TRIPP LITE EMERGENCY POWER SYSTEMS

POWER OUTAGE SOLUTIONS! ***(Batteries Not Included)***



MODEL SB-200
OUR PRICE $239.95

MODEL SB-400
OUR PRICE $349.95

MODEL SB-1000FC
OUR PRICE $699.95

FEATURES Each Unit Includes:

- Autometic, heavy duty, reguletad battery cherger for trouble-free recharging aftar e power fellure
- Automatic load trensfar switch, for virtuelly unintarrupted power whan your line voltage fails, as lsst as 10ms
- Rugged rectanguler wava form, DC to AC inverter for reliabla AC power
- Circuit braakar and/or luse on the DC llna to protect equipment from overload
- Status indicating power lights to indicete presence of line power or bettary power.
- Multipla recaptaclas to hendle all your power needs.
- Fraquancy controlled 60 Hz ± ½ Hz (except for modals SB-200 & SB-400)

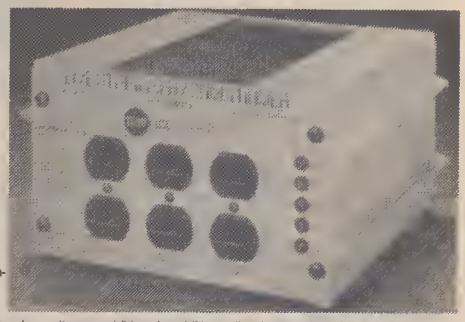
DESCRIPTION

During normal conditions, lina powar feeds directly through tha transfer reley to the load being powered. It also flows to the bettary chargar circuit, which converts high voltaga AC to regulated low voltaga DC. Thia control circuit monitors tha battary charger, end cuts off tha cherga current whan ths bettery is fully charged, thus minimizing premetura battary aging end watar loss. It will elso shut down the sntire system when the battary drops to 10V (in e 12V systam, or 20V in a 24V system), thus preventing demaga to bettery through over discharge. Thasa SB modals ara dasigned for e variety of applications, such as telephones, computers, paging systems, and answering systams. Battarias sra not included.

SPECIFICATION	SB-200	SB-400	SB-1000FC
CAPACITY (wattage)	200 VA	400 VA	1000 VA
INPUT VOLTAGE (DC)	12	12	12
Maximum, automatic transfer time from line powsr to battery power or back again	10 ms	10 ms	12 ms
OUTPUT VOLTAGE (AC)	117	117	117
FREQUENCY (Hz)	60 Hz	60 Hz	60 Hz (±½)
NUMBER OF AC PLUG-IN RECEPTACLES	2	2	2
BATTERY CHARGE RATE (max)	2 amps	2 amps	8 amps
Recovery ratio (rscharge time to running time @ full load	8:1	16:1	10:1
CURRENT DRAW AT FULL LOAD (amps)	18 amps	35 amps	85 smps
IS THE AC INPUT OVER-CURRENT PROTECTED	YES	YES	YES
HEIGHT	3-5/8"	3-5/8"	5"
WIDTH	7-1/4"	7-1/4"	10"
DEPTH	11-1/2"	11-1/2"	14"
WEIGHT	10 lbs.	16 lbs.	34 lbs.
ALARM INCLUDED	No	No	No

TRIPP LITE LINE STABILIZERS/CONDITIONERS

Voltage Regulation and ISOBAR® Surge Protection



MODEL LS-600
OUR PRICE $110.00

MODEL LC-1200
OUR PRICE $199.00

MODEL LC-1800
OUR PRICE $269.00

Protect your equipmant and data by maintaining a constent power level during brownout and power surgas. Line stabilizers automatically adjust varying input voltage to parovida full support during a low voltaga conidition. In addition, all units contain spike and line noise liltaring. Models LC-1200 and LC-1800 featura full isobar protection.

SPECIFICATIONS

MODEL	Output voltage will comply with ANSI-C84.1 ANSI-C84.1 specifications	VOLTAGE REGULATION CHARACTERISTICS: Output voltage will maintain 120V ± 5%
LS-600	With input from 87V to 127V	With input from 96V to 126V
LC-1200 LC-1800	With input from 87V to 140V	With input from 96V to 138V

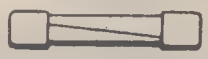
SPECIFICATION	LS-600	LC-1200	LC-1800
Output Wattage	600	1200	1800
Auto. Undervoltage Regulation	Yes	Yes	Yes
Auto. Overvoltage Regulation	No	Yes	Yes
LED Indicator Lights for Monitoring Voltage	Pilot Light Only	Pilot Light Only	Yes
Isobar® Level Spike and Noise Protection	No	Yes	Yes
Transient Overvoltage Spike	Yes	Yes	Yes
Protection	Both Common & Transverse Modes	Both Common & Transverse Modes	Both Common & Transverse Modes
RFI/EMI Noise Suppression	Yes	Yes	Yes
Load to Load Isolation	No	Yes	Yes
No. of Outlets	2 Outlets	2 Circuits, 4 Outlets	3 Circuits, 6 Outlets
Circuit Breaker	Yes 5 Amps	Yes 10 Amps	Yes 15 Amps
On/Off Switch	No	Yes	Yes
Length	5-1/2"	6"	9"
Width	6-1/2"	7-1/4"	9-1/2"
Height	3-1/2"	3-5/8"	5"
Weight	7 lbs.	13 lbs.	20 lbs.

TV REPLACEMENT PARTS

BP CAPACITORS

40 MFD x 450 VOLTS	$ .90 each	10 FOR	$7.50
47 MFD x 350 VOLTS	$ .75 each	10 FOR	$5.00
80 MFD x 450 VOLTS	$1.50 each	10 FOR	$12.00
200 MFD x 200 VOLTS	$1.25 each	10 FOR	$10.00
200 MFD x 300 VOLTS	$1.75 each	10 FOR	$15.00
200 MFD x 175 VOLTS	$ .80 each	10 FOR	$6.50

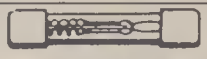
AG 'NORMAL BLO' FUSES



Voltage Rating 250

AG-1/4	Amp— 50 pcs. for $6.00	AG-1 1/2	Amp— 50 pcs. for $6.00
AG-3/8	Amp— 50 pcs. for $6.00	AG-2	Amp— 50 pcs. for $6.00
AG-1/2	Amp— 50 pcs. for $6.00	AG-3	Amp— 50 pcs. for $6.00
AG-3/4	Amp— 50 pcs. for $6.00	AG-4	Amp— 50 pcs. for $6.00
AG-1	Amp— 50 pcs. for $6.00	AG-5	Amp— 50 pcs. for $6.00

MD 'SLO-BLO' FUSES



Voltage Rating 250

MD-1/4	Amp— 50 pcs. for $10.00	MD-1 1/2	Amp— 50 pcs. for $10.00
MD-3/8	Amp— 50 pcs. for $10.00	MD-2	Amp— 50 pcs. for $10.00
MD-1/2	Amp— 50 pcs. for $10.00	MD-3	Amp— 50 pcs. for $10.00
MD-3/4	Amp— 50 pcs. for $10.00	MD-4	Amp— 50 pcs. for $10.00
MD-1	Amp— 50 pcs. for $10.00	MD-5	Amp— 50 pcs. for $10.00

DUO-TONGS

MODEL 9356

OUR PRICE $2.50

Shock proof, molded nylon universal fuse pullers. Accomodetes all kinds end types of fuses, including household screw-in plug type end industriel certridge fuses up to 3/4" or 100 emp cepacity. Non-conductive, inflammable end virtually unbreakeble.

TYPE Q BLOCKS With Quick Connect Terminals

MODEL 350-329

OUR PRICE 89¢ each 5 FOR **$8.00**

MODEL 350-330

OUR PRICE 99¢ each 5 FOR **$9.00**

FEATURES

- Type Q 3AG blocks may be provided with 1/4" quick connect terminals.
- Mounting Hole: .142"/.147" diameter.
- Clips: Nickel plated spring brass.
- Terminals: Plated brass.

350-329 350-330

PILOT LIGHTS 10 PER BOX

Model	Our Price Per Box	Model	Our Price Per Box
PR2	$2.50	130	$3.00
12-P	$3.50	159	$3.00
44	$2.50	194	$2.50
46	$2.50	222	$3.50
47	$2.50	239	$8.95
51	$2.50	259	$3.50

10 per box

BP SPRING FUSE HOLDERS

MODEL IL-250

OUR PRICE $1.50

DESCRIPTION

Converts any standard 1/4" diameter fuse to pigtail fuse. 12 holders per package.

FUSE HOLDER

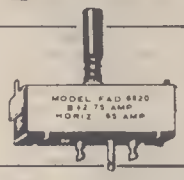
MODEL FH-1 OUR PRICE **50¢ each**

10 FOR **$4.00** 100 FOR **$35.00**

DESCRIPTION

Fuse holder with 18" wire for all standard 1/4" fuses. 2 amp fuse included. Peg packaged.

COLOR TV UNIVERSAL CIRCUIT BREAKER



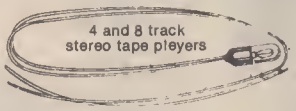
Dual Purpose

MODEL FAD **OUR PRICE $4.50**

- B + Break current. • 2.75 amp horizontal. • Break current .65 amp.

Replaces RCA No. 120784 and others for RCA chassis No.'s CTC22B and CTC22C.

SUB-MINIATURE BULBS



MODEL E-13

OUR PRICE 75¢ each

10 FOR **$5.00**

For 4 and 8 track stereo tape players 12 volt 75 mA. Two conductor wire with 8-3/4" leads, pilot lamp used in channel selector or sliding rule scale indicator on UHF television, HI-FI, radio.

MINIATURE ALUMINUM ELECTROLYTIC

RADIAL LEAD

Type	Mfd.	Volts
MR5-15	5	15
MR10-15	10	15
MR25-15	25	15
MR50-15	50	15
MR100-15	100	15
MR250-15	250	15
MR500-15	500	15
MR1000-15	1000	15
MR2000-15	2000	15

MODEL **MR-15 Kit** OUR PRICE 100 ASSORTED FOR **$10.00**

Type	Mfd.	Volts
MR2-25	2	25
MR5-25	5	25
MR10-25	10	25
MR25-25	25	25
MR50-25	50	25
MR100-25	100	25
MR250-25	250	25
MR500-25	500	25
MR1000-25	1000	25
MR2000-25	2000	25

MODEL **MR-25 Kit** OUR PRICE 100 ASSORTED FOR **$12.00**

Type	Mfd.	Volts
MR1-50	1	50
MR2-50	2	50
MR5-50	5	50
MR10-50	10	50
MR25-50	25	50
MR50-50	50	50
MR100-50	100	50
MR250-50	250	50
MR500-50	500	50
MR1000-50	1000	50

MODEL **MR-50 Kit** OUR PRICE 100 ASSORTED FOR **$15.00**

AXIAL LEAD

Type	Mfd.	Volts
MX5-15	5	15
MX10-15	10	15
MX25-15	25	15
MX50-15	50	15
MX100-15	100	15
MX250-15	250	15
MX500-15	500	15
MX1000-15	1000	15
MX2000-15	2000	15

MODEL **MX-15 Kit** OUR PRICE 100 ASSORTED FOR **$10.00**

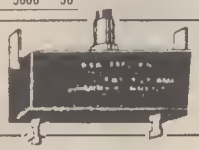
Type	Mfd.	Volts
MX2-25	2	25
MX5-25	5	25
MX10-25	10	25
MX25-25	25	25
MX50-25	50	25
MX100-25	100	25
MX250-25	250	25
MX500-25	500	25
MX1000-25	1000	25
MX2000-25	2000	25
MX3000-25	3000	25
MX4000-25	4000	25
MX5000-25	5000	25

MODEL **MX-25 Kit** OUR PRICE 100 ASSORTED FOR **$12.00**

Type	Mfd.	Volts
MX1-50	1	50
MX2-50	2	50
MX5-50	5	50
MX10-50	10	50
MX25-50	25	50
MX50-50	50	50
MX100-50	100	50
MX250-50	250	50
MX500-50	500	50
MX1000-50	1000	50
MX2000-50	2000	50
MX5000-50	5000	50

MODEL **MX-50 Kit** OUR PRICE 100 ASSORTED FOR **$15.00**

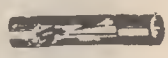
CIRCUIT BREAKERS



OUR PRICE 10 FOR **$8.90** any assortment

FA-2 (2 amp) FA-3 (3 amp) FA-4 (4 amp)
FA-5 (5 amp) FA-6 (6 amp) FA-7 (7 amp)

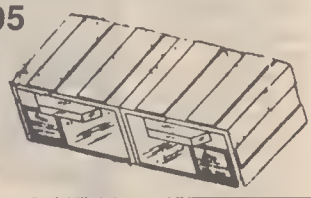
FUSE TYPE LAMPS



MODEL 8V-300mA OUR PRICE 1-9 Qty. **49¢ each**

10-99 Qty. **39¢ each** ONE BOX 100 Qty. **$35.00**

ARCO DISC CERAMIC CAPACITORS *FREE CABINET*



MODEL C-120A OUR PRICE **$24.95**

Kit Contains: 5 each of the list below. A total of 120 capacitors. All 1000 VDCW micas.

CAPACITANCE

5pF	68pF	270pF	1000pF
10pF	82pF	330pF	1500pF
22pF	100pF	390pF	2000pF
39pF	120pF	470pF	3900pF
47pF	150pF	500pF	5000pF
50pF	220pF	680pF	10000pF

RESISTOR KITS

OUR PRICE $2.00 each.

Most Popular Values:

KIT-1: 100 pcs. 1/2 watt per poly pack.
KIT-2: 40 pcs. 1 watt per poly pack.
KIT-3: 40 pcs. 2 watts per poly pack.
Popular values assorted per kit.

FUSE HOLDER

MODEL FH-50

OUR PRICE 90¢ each 10 FOR **$7.00**

Holds 1/4" x 1-1/4" fuses. Can be used on panels up to 5/18" thick. Has bayonet type knob. No screwdriver required.

TV SNAP-ON FUSE HOLDER

MODEL 529

OUR PRICE 75¢ each 10 FOR **$6.00**

DESCRIPTION

Snap fuse clip over burned out fuse. Insert new fuse without soldering.

ALLIGATOR CLIPS

MODEL CP-365

OUR PRICE $2.95 per pkg.

Alligator clip with screw terminal end molded handle. Color: Black and red. Net weight: 20 gr. 20 pcs. per package.

CALL US MONDAY THRU FRIDAY 8:00 AM to 6:30 PM • SATURDAY 9:00 AM to 3:00 PM E.S.T.

GE 5 x 5 HV TRIPLER
with Focus Bleeder
MODEL GE-521
(ECG-523, ECG-526A)
OUR PRICE **$7.95**
SPECIAL!

- 10KV input peak.
- 30KV at 2mA max. output
- Noryl case.
- 26 in HV lead with anode connector.

GE 5 x 5 SILICON HV TRIPLER
MODEL GE-523
(ECG-522, SK-3303)
OUR PRICE **$7.95**
SPECIAL!

- 10KV input peak.
- 25KV at 2mA max. output
- Durey or ALkyd case.
- 27 in HV lead with anode connector.

GE 6 x 6 SILICON HV TRIPLER
MODEL GE-527
(ECG-500A, SK-3304)
OUR PRICE **$7.95**
SPECIAL!

- 12KV input peak.
- 30KV at 2mA max. output • Noryl case.
- 27 in HV lead with anode connector.

GE 5 x 5 SILICON HV TRIPLER
MODEL GE-528
(ECG-523A, SK-3306)
OUR PRICE **$7.95**
SPECIAL!

- 12KV input peek. • Noryl case.
- 30KV at 1.5mA max output.
- 26 in HV lead with anode connector.

GE 6 x 5 SILICON HV TRIPLER
MODEL GE-529
(ECG-529, SK-3307)
OUR PRICE **$7.95**
SPECIAL!

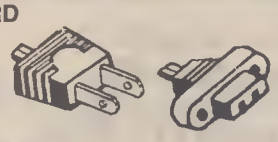
- 12KV input peak. • Noryl cese
- 30KV at 2mA max. output
- 30 in HV lead with anode connector.

SILICON RECTIFIER
MODEL S-250
OUR PRICE 25 FOR **$5.00** *SUPER SPECIAL!*
100 FOR **$15.00** 200 FOR **$25.00**
2.5 emp — 1 KV equivalent to 1R-250, Mallory M2.5, HEP 170, IN1565A, IN1568A, IN490 series.

HEAVY DUTY FOCUS RECTIFIER
MODEL R-6000
OUR PRICE **95¢** each
10 FOR **$9.00** 20 FOR **$15.00** • 6.5 KV.

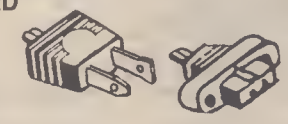
B + BOOST RECTIFIER
MODEL S-1200
OUR PRICE **90¢** each 10 FOR **$7.00**
Replacement for Admiral, Andrea, CGE, Curtis Mathès, Delco, Emerson, GE, Heath, Magnavox, Packard Bell, RCA color TV

CHEATER CORD
MODEL C-60
OUR PRICE **79¢** each
10 FOR **$6.00**



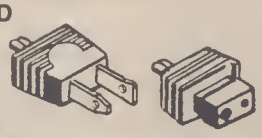
- 6 ft. cord. • 18/2 SPT-1
- Brown • Standard • Standard w/ears

CHEATER CORD
MODEL PC-60
OUR PRICE **79¢** each
10 FOR **$6.00**



- 6 ft. cord. • 18/2 SPT-1
- Brown • Polarized • Polarized w/ears

CHEATER CORD
MODEL PL-60
OUR PRICE **89¢** each
10 FOR **$7.00**

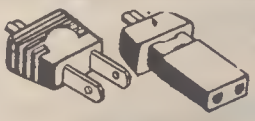


- 6 ft. cord. • 18/2 SPT-1
- Brown • Polarized • Polarized C clip

CHEATER CORD
MODEL L-60
OUR PRICE **89¢** each
10 FOR **$7.00**

- 6 ft. cord. • 18/2 SPT-1
- Brown • Standard • Standard C clip

CHEATER CORD
MODEL LC-6
OUR PRICE **99¢** each
10 FOR **$7.90**



- 6 ft. cord. • 18/2 SPT-1
- Brown • Standard
- Standard C clip long nose.

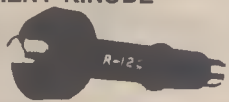
PANASONIC 6 Ft. POWER CORD
MODEL AC-225
OUR PRICE **99¢** each
10 FOR **$7.90**

- Poly with header.
- For Panasonic, radios, tape recorders, etc.

SONY 6 Ft. POWER CORD
MODEL AC-224
OUR PRICE **99¢** each
10 FOR **$7.90**

- Poly with Header. • For Sony radios, tape recorders, etc.

EXACT REPLACEMENT KINODE
MODEL R-12C
OUR PRICE **$7.95** each
2 FOR **$14.00**



- Style: E-32. • Function: High voltage rectifier.
- Replaces: Zenith No. 103-215. Motorla No. 48D69723A01. Electrochrome No. 28-31-00.
- This high voltage (45kV) pulse rectifier with corona ring, ie presently being used in hybrid and solid state large screen B&W, color TV sets.

COLOR BURST CRYSTAL
MODEL CX-3
OUR PRICE **$1.80** each 4 FOR **$6.00**

For color TV. 3.58 MC (3579.545 KC). For replacement in almost all color TV sets.

SILICON RECTIFIER
MODEL S-300
OUR PRICE 25 FOR **$7.50** 3 amp 1 KV.

SWITCHING DIODES
MODEL IN-4148
OUR PRICE 10 FOR **$1.50** 100 FOR **$12.00**

VIDEO/COMPUTER RF MODULATOR
MODEL COMP-022 OUR PRICE **$19.95**

Converts Audio/Video output from color processors, computer, TV games and video cameras to channels 3 or 4 on any TV.

PICKERING CARTRIDGES

Model	Pkg.	Retail	Our Price
P/ATE	Boxed	$24.95	$9.95
P/AT	Boxed	19.95	8.00
P/AC	Boxed	17.95	6.50

SPECIAL! Model P/AC OUR PRICE 5 FOR.....$30.00

PICKERING P-MOUNT CARTRIDGES

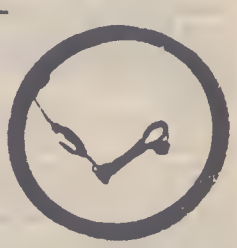
Direct Plug-In Series

Model	Retail	Our Price
TL-3	$125.00	$39.95
TL-2S	100.00	29.95
TL-2E	60.00	22.50
TL-1	60.00	17.50

Special Plug-In Series

Model	Retail	Our Price
TLE	$45.00	$12.95

THORDARSON PROFESSIONAL DEGAUSSING COIL
MODEL 9317
OUR PRICE **$39.90**



- Durable molded high-impact case.
- High quality momentary switch-current only when you need it.
- Will last e lifetime. Degaussing, coil 13" in diameter.

DESCRIPTION
Eliminates stray magnetic fields in color TV sets as required prior to purity adjustment. Indespensable in ell color TV service work. Coil is made to standerd industry specifications and completely enclosed in molded plastic. Supplied with 8 ft. cord and momentery contact switch which permits de-energizing of coil without pulling plug. Attractive hang-up package.

BLUE-LATERAL PURITY MAGNET ASSEMBLY
MODEL MA-90
OUR PRICE **$2.95** each
10 FOR **$25.00**

Designed to universally meet the requirements of color TV sets using 15 through 25 inch 90° color picture tubes.

SPECIFICATIONS
- Blue gun-up or blue gun-down operetion.
- Easy one finger adjustment of blue control.
- Thin-line construction. • Flame retardent polypropylene.

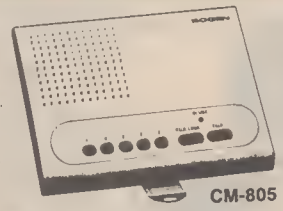
ASSORTED SPAGHETTI KIT
MODEL 550
OUR PRICE
$1.49 each
10 FOR **$12.50**

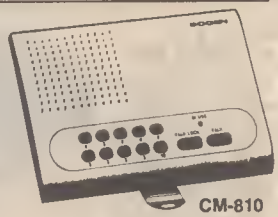
An assortment of 9" to 12" lengths of spaghetti sleeving. 15 lengths to the kit. Sizes from 17 wire to 3/8" OD.

CALL US/WE ACCEPT PHONE ORDERS • TOLL FREE 800-645-9518 • NYS TOLL FREE 800-832-1446

INTERCOM SYSTEMS

BOGEN ADMINISTRATIVE INTERCOM SYSTEM SERIES CM

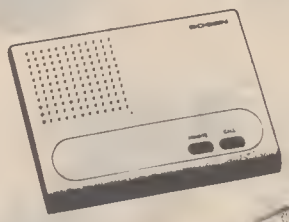

CM-805


CM-810

MODEL CM-805 5 Button Master Station OUR PRICE **$99.00** each
Five selector call buttons, talk and talk/lock buttons, "In-use" LED, pull-out directory, volume control, junction box.

MODEL CM-810 10 Button Master Station OUR PRICE **$119.00** each
Ten selector call buttons, talk and talk/lock buttons, "In-use" LED, pull-out directory, volume control, junciton box.

MODEL CM-801 Remote Station OUR PRICE **$27.00** each
Remote has private end call buttons, 8Ω impedance. All stations size: 5-46"H x 7.09"W x 1.67"D.


CM-801

MODEL RF-12 Regulated Power Supply OUR PRICE **$69.00** each
Plugs into any 120 VAC/60 Hz outlet, provides 12 VDC @ 1 A. One is required per CM system. Size: 2.75"H x 3.25"W x 8"D.

FEATURES
- Choice of 6 or 11 station capacity.
- High Intelligibility, high reliability.
- Selective, electronic tone calling.
- Attractive, low profile styling.
- Single master/multiple remote or all-master systems.
- Remotes reply hands-free.
- Junction boxes for easy installation.
- Multiple conversations, conference calls (in all-master systems.

DESCRIPTION
The CM-Series Administration Intercoms are versatile Intercommunication devices designed to operate as an all master system, or as a single-master/multiple remote system. Each station in an all-master system can selectively call any other station(s). The single-master/multiple remote configuration lets the master station call any remote and any remote can all the master station.

All-master systems use the Model CM-805 or CM-810 master stations for capacity of up to 6 or 11 stations, respecitively. Full-trunkage permits multiple conversations—up to five simultaneously two-way conversations are possible in an 11 station system. Each master has push-on/push-off call buttons to select a station and sound an electronic tone call. Conference calls are established by simultaneously pressing the desired call buttons. If two stations are engaged in conversation and a third party calls one of those stations, he is automatically included in the conversation. A privacy features alerts the parties when their conversation has been joined by sounding the call tone at both stations.

Each master station has a TALK push button which is pressed when speaking and released in listening. A TALKLOCK push button is provided for dictation or monitoring. A control is provided to adjust the volume of teh call tone and of speech transmitted and received over the speaker. A red (IN-USE) LED illuminates when a call button is pressed, as a reminder to release the call button following conversation.

Single-master/multiple remote systems use the CM-801 remote station and either the CM-805 or the CM-810 masters. Each remote station has a single push-on/push-off CALL button to call the master station. Once the CALL button has been depressed, speaking and listening at the remote unit is hands-free. A PRIVACY push-on/push-off button is provided and permits the party at the master station to call the remote, but prevents listening in on the remote area.

A single power supply (Bogen model RF-12) is required for each installation. Wiring for all-master system is simplified through the use to junction boxes and multi-conductor cable; the number of conductors required equals 3, plus the number of master stations. Wiring for single-master/multiple remote systems consists of a three-conductor cable from each remote to the master station junction box.

RF-12

BOGEN SELECTIVE RING-COMMON TALK INTERPHONE/PAGING SYSTEM SERIES XP

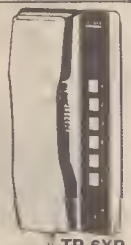
MODEL TP-2XP Two Station OUR PRICE **$59.95** each
Has one selector/call button, and a button for paging, high/low volume switch, directory card, junction box.
Size: 9.36"H x 4.1"W x 3.51"D.

MODEL TP-6XP Six Station OUR PRICE **$69.95** each
Has five selector/call buttons, and a button for paging, high/low volume switch, directory card, junction box.
Size: 9.36"H x 4.1"W x 3.51"D.

RF-24

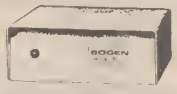
MODEL RF-24 Regulated Power Supply OUR PRICE **$69.95** each
Plugs into any 120 VAC/60 Hz outlet, provides 24 VDC @ 1 A. One is required per XP system.
Size: 2.75"H x 3.25"W x 8"D.

TP-2XP


TP-6XP

MODEL TB-10 Page Adaptor OUR PRICE **$59.95** each
Permits connecting XP system to a paging/background music system (without reducing station capacity) or to a two-way zone paging system (TB-10 is wired as a station, reducing system capacity by one station). If music source is connected to TB-10, music is automatically muted during paging. If several zone systems are desired, each requires a TB-10 and reduces capacity by one station.
Size: 2"H x 4.75"W x 6.38"D.

FEATURES
- Choice of 2 or 6 station capability.
- High intelligibility, high reliability.
- Selective ringing, common talk communications.
- Conference calls
- Built-in all-station paging.
- Optional loudspeaker paging.
- Junction boxes for easy installation.
- Attractive ivory and mocha styling


TB-10

DESCRIPTION
The TP-2XP and TP-6XP are selective ring, common-talk interphones providing two-way and conference call communication, and all-station paging in systems of 2 or up to 6 stations respectively. Each interphone has a push-button keyped to select and ring the desired station(s). An electronic call tone alerts parties to a call. Communication is then free of controls, as with conventional telephones. Conference calls are initiated by simultaneously pressing the desired push buttons. All-station paging is selected by pressing the push button corresponding to the station used to make the page. Page announcements are transmitted over the ear-piece speaker in the handset of each station.

Paging is easily defeated at any station where this feature is not desired. A two-position high/low switch is provided at each station to control the volume of page announcements and the electronic call-tone. Each station has a built-in amplifier, permitting the addition of an external loudspeaker (such as the Bogen IH-8A) to any station located in an area where the ambient noise level may interfere wth athe ability to hear page announcements and/or the call tone.

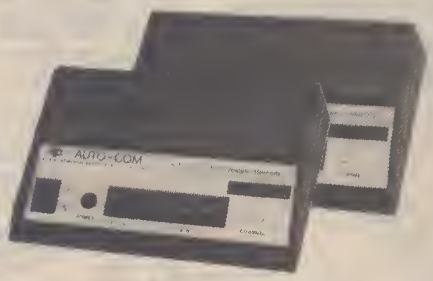
An optional page adaptor, model TB-10, inter faces the interphone paging system and an external paging amplifier (or amplified speaker) to permit all-station paging to remote areas without reducing system station capacity. The adaptor may also be used to add an additional one or one-way with talkback paging channel to the system. In this configuration, the adaptor is wired as a station, reducing system station capacity by one for each TB-10 installed. A variety of Bogen paging amplifiers and amplified/talkback speakers are available for configuring the system to individual application requirements.

A single power supply, model RF-24, is required for each installation. System wiring is simplified through the use of junction boxes at each station. Stations are interconnected with multi-conductor cable. The number of conductors required equals 4, plus the number of stations.

OPTIONAL Bogen External Loudspeaker **Model IH-8A....$49.95**

BP AUTO-COM AUTOMATIC 2 CHANNEL WIRELESS FM INTERCOM

MODEL IN-828
OUR PRICE
$49.95 per pair



FEATURES
- Fully automatic
- Lock switch for continuous two-way conversations.
- Automatic squelch control for noise free operation.
- A.B. Channel selectors.
- On/Off light selectors.
- Phase lock loop circuitry.

DESCRIPTION
Once you press down lock buttons of both units, the whole system becomes completely hands-free. It can also be used as a normal intercom that is press to talk and release to listen. Operates room-to-room or between houses on same AC electrical wiring.

BP SOLID STATE 'BABY SITTER' INTERCOM

MODEL IN-1001
OUR PRICE
$12.95 per pair

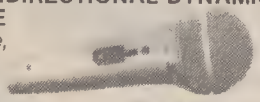
DESCRIPTION
Economical intercom system, ideal for home use, especially as a babysitter. Slave unit with push-to-talk button. Master unit has on/off volume control plus push-to-talk button. Operates on 9-volt battery not included

ELECTROVOICE MICROPHONES

MODEL	635A	644	664	671BL or BH	627C	631B	647CL	647CH
TYPE	omni-directional dynamic	unidirectional line dynamic	super cardioid Variable-D® dynamic	single-d cardioid dynamic	single-d cardioid dynamic	omni-directional dynamic	lavalier dynamic	lavalier dynamic
RESPONSE	80-13k Hz	40-10k Hz	90-13k Hz	60-14k Hz	60-13k Hz	80-13k Hz	70-10k Hz	70-10k Hz
IMPEDANCE	lo-z	dual hi-z/lo-z	dual hi-z/lo-z	dual hi-z/lo-z	dual hi-z/lo-z	dual hi-z/lo-z	specify hi- or lo-z	hi-z
OUTPUT	–55 dB	–53 dB	–56 dB	–57 dB	–58 dB	–55 dB	–60 dB	–61 dB
FINISH	fawn beige	satin chrome	satin chrome	satin chrome	satin chrome	satin chrome	gray	gray
APPLICATIONS	hand or stand vocal/ instrumental/broadcast recording	long range pickup stage/classrooms	entertainers' p.a./recording	entertainers' p.a./recording	entertainers' p.a./recording	entertainers' p.a./recording	concealed/ walkaround p.a.	concealed/ walkaround p.a.
OUR PRICE	$99.95	$260.00	$139.95	$110.00	$99.95	$110.00	$110.00	$110.00

SHURE UNIDIRECTIONAL DYNAMIC MICROPHONE

Dual Impedance, Selectable at On-Off Switch



MODEL 588SD
with microphone cord OUR PRICE **$79.95**

- Unidirectional dynamic microphone.
- Switch-selectable impedance.
- Compatible with any sound reinforcement equipment.
- Microphone is finished in attractive platinum beige.

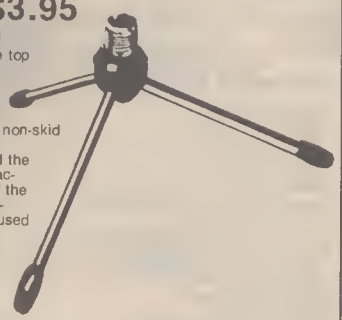
SPECIFICATIONS

Frequency Response: 80 to 13,000Hz. **Polar Pattern:** Cardioid (unidirectional). **Impedance Rating:** High or 150ohms (switch-selectable). **Output Level Open Circuit Voltage:** High impedance: 1.1mV (59.5dB, 0dB = 1V/ubar). Low Impedance: 0.08mV (-82.0dB, 0dB = 1V/ubar. **Power Level:** -60.5dB, 0dB = 1mW/10ubar. **Size:** 6-15/32"x 2-1/8". **Wght:** 10oz. **Suppiled Accessory:** Swivel adaptor.

BP DESK TYPE TRI-POD MICROPHONE STAND

MODEL DM-88

OUR PRICE **$3.95**



DESCRIPTION

This folding table top microphone stand offers maximum stability because of its wide stance and non-skid leg tips. It fits all microphones and the special adaptor accepts all three of the threaded connections commonly used on microphone holders.

FLOOR STAND

MODEL SF-4

OUR PRICE **$29.95**

It features grip-action clutch for positive locking control, base weighted toward outer rim for greater stability. Tubing is chrome-plated. Height adjustable from 34" to 62". Standard 5/8" - 27 threads. Base: 10". Shipping Weight: 11 lbs.

GOOSENECK

MODEL BG-13

OUR PRICE **$9.95**

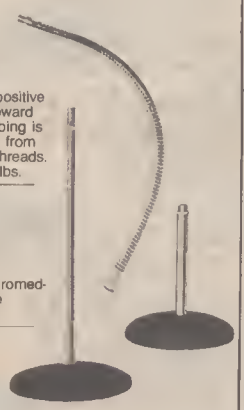
It is strong, flexible, 13" long, chromed-finish. 5/8" - 27 male and female threads.

DESK STAND

MODEL DS-3

OUR PRICE **$14.95**

It has 4" chrome-finish tube, 6" cast iron base. Shipping Weight: 2 lbs.



SHURE DISPATCHER MICROPHONE

MODEL 450 OUR PRICE **$79.95**

The new modern design of this rugged omnidirectional Dispatcher Microphone fits every decor for dispatching and paging use. Has telescoping height adjustment of approx. 2-1/2". It features an impedance switch for low or high impedance, and a push-to-talk switch bar which activates both microphone and relay circuits. 7 ft. four-conductor (two shielded) cable.

BP MATCHED STEREO RECORDING MICROPHONE

MODEL DM-305

OUR PRICE **$9.95** per pair

DESCRIPTION

Economy-type microphones for compact hi-fi systems with record feature. Low impedance. Dual mini and submini molded plugs for recorders with remote on/off capability. Complete with on/off switch, 3 ft. cable, stand. With 3.5mm plug and 2.5mm plug plus stand.

BP DUAL IMPEDANCE DYNAMIC MICROPHONE

MODEL DM-410

OUR PRICE **$16.95** each

SPECIFICATIONS

- Dual impedance 500 ohm or 50K ohm.
- 20 ft. cable. • Frequency response: 80-15,000 Hz.
- Sensitivity: Hi imp — 52 dB; Low imp — 72 dB.
- Uni-directional. • Brushed chrome finish.
- Built in on/off switch.
- 1/4" plug. • Black vinyl case.

BP ELECTRET CONDENSER MICROPHONE

MODEL EM-106

OUR PRICE **$19.95**

FEATURES

- The Super mini microphone with tie clasp is suitable for application on school teaching, public speaking, and recording.
- High sensitivity and wide frequency response.
- With one UM-3 battery, it can work 10,000 hours continuously.

SPECIFICATIONS

Directionality: Omni-directional. **Impedence:** 1000 ohm. **Sensitivity:** —65 dB at 100 Hz. **Frequency response:** 18 Hz—20 kHz. **Power supply:** UM —3 (1.5V) x1. **Weight:** 110 gr. (with plug). **Dimensions:** 13 x 23mm. **Meteriel:** Aluminum and copper. **Plug:** 1/4". **Cord:** 4M.

BP MATCHED PAIR STEREO MICROPHONES

MODEL DM-705

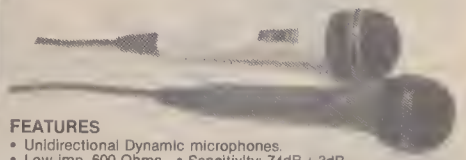
OUR PRICE **$11.50** per pair

SPECIFICATIONS

- Dynamic microphones for cassette tape recorder.
- Matched pair for stereo. • Low impedance.
- Sensitivity: —70 dB at 1 kHz.
- Response: 60-12,000 Hz • 4-1/2 foot cable.
- With 3.5mm plug. • Blister package.

BP DYNAMIC TWIN MATCHED MICROPHONES FOR ALL STEREO SYSTEMS

MODEL DM-710 OUR PRICE **$22.50** per pair



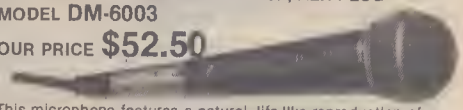
FEATURES

- Unidirectional Dynamic microphones.
- Low imp. 600 Ohms. • Sensitivity: 74dB ± 3dB.
- Freq. Res.: 100-15,000 Hz. • 10 Ft. cord with 1/4" mic plug.
- Comes packaged red & white together.

BP MICROPHONE WITH 3P, XLR PLUG

MODEL DM-6003

OUR PRICE **$52.50**



This microphone features a natural, life-like reproduction of music and voice, and is ideal for use with good quality, sound system and tape records.
It is particularly suitable for use in the theaters, night clubs, auditoriums, schools, churches indoors or outdoors and any place where omnidirectional microphone may not operate properly because of feedback problem.

SPECIFICATIONS

Type: Uni-directional, dynamic microphone. **Frequency Response:** 30-18KHz. **Impedence:** 250 ohm. **Sensitivity:** -76dB ± 3 dB at 1KHz. **Size:** 54ø x 180m/m. **Cord:** 6M, end with one 3-pin XLR connector end one 6.3ø plug. Comes with holder.

BP VIDEO CAMERA MICROPHONE

MODEL V-6502 OUR PRICE **$37.95**

SPECIFICATIONS

- Super Cardioid. • Electret Condenser. • 80-12,000Hz.
- 520 Ohms (For long distance). • 2.3 Kohm (For short dis.).
- -66dB (Short dis. IV u bar 1Khz).
- -56dB (Long dis. IV u bar 1Khz).
- 3 position: (Normal cardioid. Super cardioid. Off.)
- 130g. • Aluminum. • Curl cable. • 3.5 mm plug.
- 220 o x 280m/m. • DC 1.5V one AA size battery.

CHARGE IT • VISA • MASTER CARD • AMERICAN EXPRESS • Toll Free 800-645-9518 • NYS Toll Free 800-832-1446

AUDIO CABLES & TOGGLE SWITCHES

BP AUDIO CABLES

MODEL
RJ-25-24
OUR PRICE
$1.75 each
10 FOR **$15.00**
• 24 AWG 25 ft brown speaker cable • RCA plug to RCA jack.

AUDIO CABLE

MODEL
RM-25-24
OUR PRICE
$1.75 each
10 FOR **$15.00**
• 24 AWG 25 ft brown speaker cable. • 3.5mm plug to 3.5mm jack.

AUDIO CABLE

MODEL
RP-25-24
OUR PRICE
$1.75 each
10 FOR **$15.00**
• 24 AWG 25 ft brown speaker cabla • RCA plug to 3.5mm plug.

AUDIO CABLE

MODEL
RR-12-24
OUR PRICE
$1.50 each
10 FOR **$12.00**
• 24 AWG 12 ft brown speaker cable. • RCA plug on both ends

AUDIO CABLE

MODEL
RR-25-24
OUR PRICE
$1.75 each
10 FOR **$15.00**
• 24 AWG 25 ft brown speaker cable. • RCA plug to RCA plug.

AUDIO CABLE

MODEL
RS-25-24
OUR PRICE
$1.75 each
10 FOR **$15.00**
• 24 AWG 25 ft brown speaker cable • 3.5mm plug to 3.5mm plug.

AUDIO CABLE

MODEL
RR-24-24C2
OUR PRICE
$3.95 each
10 FOR **$30.00**
• 24 AWG Two 25 ft. clear cable
• RCA plug to RCA plug, poly with header.

AUDIO CABLE

MODEL
RR-40-24C2
OUR PRICE
$4.50 each
10 FOR **$40.00**
• 24 AWG Two 40 ft clear cable
• RCA plug to RCA plug, poly with header

BP AUDIO CABLES

MODEL RJ-6S
OUR PRICE **$1.19** each 10 FOR **$10.00**
6 ft. shielded cable—RCA plug to RCA jack (gray).

MODEL RS-6S
OUR PRICE **$1.49** each 10 FOR **$12.00**
6 ft shielded cable—RCA plug to 3.5mm mini plug (gray)

MODEL RP-6S
OUR PRICE **$1.99** each 10 FOR **$15.00**
6 ft. shielded cable 1/4" phone plug to RCA plug (gray)

MODEL RR-6SC
OUR PRICE **$1.69** each 10 FOR **$15.00**
6 ft. double shielded cable—Two RCA plugs both ends (color coded).

MODEL RR-3SC
OUR PRICE **$1.49** each 10 FOR **$12.00**
3 ft. double shieldad cable—Two RCA plugs both ends (color coded).

MODEL RJ-Y2
OUR PRICE **$1.49** each 10 FOR **$12.00**
4" Y connector—RCA jacks on all ends

MODEL RJ-Y
OUR PRICE **$1.49** each 10 FOR **$12.00**
4" Y connector—RCA plug to two RCA females 4" shielded (gray).

MODEL
RR-54
OUR PRICE
$4.95
each
6 ft shielded cable—5 pin din male plug to 4 color coded standard RCA phono plug (gray).

MODEL RR-51
OUR PRICE **$1.49** each 10 FOR **$12.00**
Shielded cable: 4' Y connector—RCA phono jack to two RCA phono plugs

MODEL RR-Y
OUR PRICE **$1.49** each 10 FOR **$12.00**
Shielded cable—Y connector—RCA plugs on all ends 4" (gray)

MODEL RJ-26S
OUR PRICE **$1.49** each 10 FOR **$12.00**
6 ft. shielded cable—RCA jack to RCA jack (gray).

MODEL RR-6S
OUR PRICE **$1.49** each 10 FOR **$12.00**
6 ft. shielded cable—RCA plug to RCA jack (gray).

BP AUDIO CABLES

MODEL RS-71
OUR PRICE **$1.75** each 10 FOR **$15.00**
6 ft shielded cable—3.5mm plug to RCA jack (gray).

MODEL RR-56
OUR PRICE **$1.49** each 10 FOR **$12.00**
6 ft shielded cable—RCA phono plug t two alligator clips (gray).

MODEL
RR-57
OUR PRICE
$5.95 each
Four 6 ft. double shielded cables in 4 different colors—RCA phono plug to RCA phono plug

MODEL RR-58
OUR PRICE **$1.69** each 10 FOR **$15.00**
6 ft. shielded cable—3.5mm mini plug to stripped tin wire (gray).

BP TOGGLE SWITCH

MODEL TS-144-SPST
OUR PRICE **$1.19** each
10 FOR **$10.00**
SPECIFICATIONS
• Solder lug terminals 125-volt 3-amp.
• High dielectric bakelite case
• Chrome on/off face plate
• **Display package.**

TOGGLE SWITCH

MODEL TS-145-DPDT
OUR PRICE **$1.39** each
10 FOR **$12.00**
SPECIFICATIONS
• Solder lug terminals 125-volt 3-amp
• High dielectric bakelite case
• Chrome on/off face plate • **Display package.**

TOGGLE SWITCH

MODEL TS-146-DPDT
OUR PRICE **$1.99** each
10 FOR **$17.50**
SPECIFICATIONS
• Solder lug terminals 125-volt 3-amp
• High dielectric bakelite case • Center off
• Chrome on/off face plate • **Display package.**

MINI TOGGLE SWITCH

MODEL TS-147-2P SPST(On-Off)
OUR PRICE **$1.19** each
10 FOR **$10.00**
SPECIFICATIONS
• Solder lug terminals 125-volt 3-amp
• High dielectric bakelite case
• **Display package.**

MINI TOGGLE SWITCH

MODEL TS-148-6P DPDT (On-On)
OUR PRICE **$1.19** each
10 FOR **$10.00**
SPECIFICATIONS
• Solder lug terminals 125-volt 3-amp.
• High dielectric bakelite case.
• **Display package.**

MINI TOGGLE SWITCH

MODEL TS-149-6P DPDT
(On-Off-On)
OUR PRICE **$1.49** each
10 FOR **$12.00**
SPECIFICATIONS
• Center off • **Display package.**
• Solder lug terminals 125-volt 3-amp
• High dielectric bakelite case

CALL US MONDAY THRU FRIDAY 8:00 AM to 6:30 PM • SATURDAY 9:00 AM to 3:00 PM E.S.T.

MODEL SP-218
OUR PRICE 10 FOR **$4.00**
100 FOR **$35.00**
Long handle plastic mini plug 3.5mm.

MODEL SP-219
OUR PRICE 10 FOR **$5.00**
100 FOR **$45.00**
3.5mm stereo plug.

MODEL SP-222
OUR PRICE 10 FOR **$5.00**
100 FOR **$40.00**
RCA shielded plug.

MODEL SP-222A
OUR PRICE 10 FOR **$3.50**
100 FOR **$30.00**
RCA plastic plug.

MODEL SP-225
OUR PRICE 10 FOR **$5.00**
100 FOR **$45.00**
Standard mono 1/4" phone plug screw terminal.

MODEL SP-228
OUR PRICE **99¢**
10 FOR **$9.00**
1/4" shielded metal phone plug.

MODEL SP-230
OUR PRICE **99¢** 10 FOR **$9.00**
Stereo 1/4" standard phone plug screw terminal.

MODEL SP-231
OUR PRICE **$1.20**
10 FOR **$10.00**
1/4" shielded metal phone plug.

MODEL SP-240
OUR PRICE **99¢**
10 FOR **$9.00**
Standardized female microphone connector.

MODEL SP-242
OUR PRICE **$4.95**
'Cannon type', 3-pin female.

MODEL SP-243
OUR PRICE **$4.95**
'Cannon type, 3-pin male.

MODEL SJ-215
OUR PRICE 10 FOR **$4.00**
Plastic mini jack 3.5mm.

MODEL SJ-223
OUR PRICE 10 FOR **$4.00**
100 FOR **$35.00**
RCA shielded jack.

MODEL SJ-223A
OUR PRICE 10 FOR **$3.50**
100 FOR **$30.00**
RCA plastic jack.

MODEL SJ-226
OUR PRICE **49¢**
10 For **$4.00**
Standard 1/4" slim inline phone jack molded handle Color: black, gray, red.

MODEL AP-156
OUR PRICE **79¢**
10 For **$6.90**
Molded adaptor, 3.5mm plug to RCA phono jack.

MODEL AP-160
OUR PRICE **79¢**
10 For **$6.90**
Molded adaptor, RCA phono plug to 3.5mm jack

MODEL AP-163
OUR PRICE **99¢**
10 For **$9.00**
1/4" stereo jack to 3.5mm stereo plug.

MODEL AP-164
OUR PRICE **99¢**
10 For **$9.00**
Molded adaptor 3.5mm stereo jack to 1/4" stereo plug.

MODEL AP-171
OUR PRICE **79¢**
10 For **$6.90**
Molded adaptor 3—conductor 1/4" phone plug to 3.5mm jack.

MODEL AP-172
OUR PRICE **79¢**
10 For **$6.90**
Molded adaptor, 3.5mm plug to 3—conductor 1/4" phone jack.

MODEL AP-181
OUR PRICE **79¢**
10 For **$6.90**
Molded adaptor, 3.5mm plug to 1/4" phone jack.

MODEL AP-182
OUR PRICE **79¢**
10 For **$6.90**
Molded adaptor, 1/4" phone plug to 3.5mm jack.

MODEL AP-201
OUR PRICE **99¢**
10 FOR **$9.00**
Molded RCA jack to 1/4" standard phone plug adaptor.

MODEL AP-202
OUR PRICE **99¢**
10 FOR **$9.00**
Molded both ends RCA jack.

CB CONNECTOR
MODEL SP-245
OUR PRICE **99¢**
10 For **$9.00**
3 pin connector.

CB CONNECTOR
MODEL SP-250
OUR PRICE **99¢**
10 For **$9.00**
4 pin connector.

CB CONNECTOR
MODEL SP-551
OUR PRICE **69¢**
10 For **$4.90**
PL-259 plug.

CB CONNECTOR
MODEL SP-265
OUR PRICE **$1.20**
10 For **$10.00**
5 pin connector for Cobra CB.

CB CONNECTOR
MODEL CB-552
OUR PRICE **99¢**
10 FOR **$9.00**
(SO-239) chassis connector.

CB CONNECTOR
MODEL CB-553
OUR PRICE **$1.25**
10 FOR **$10.00**
(PL-258) double female.

CB CONNECTOR
MODEL CB-555
OUR PRICE 10 FOR **$2.00**
(UG-175/U) adaptor for RG-58/U cable.

CB CONNECTOR
MODEL CB-556
OUR PRICE 10 FOR **$2.00**
(UG-178/U) adaptor for RG-59/U cable.

CB CONNECTOR
MODEL CB-558
OUR PRICE **$3.00**
10 FOR **$25.00**
(M-359) right angle connector.

CB CONNECTOR
MODEL CB-560
OUR PRICE **$3.50**
10 FOR **$30.00**
(M-358) T-connector.

CB CONNECTOR
MODEL CB-570
OUR PRICE **$1.95**
10 FOR **$17.50**
Lighted dummy. Load for 5 watts.

N CONNECTOR
MODEL N-10
OUR PRICE **$4.75**
10 FOR **$40.00**
"N" Type Male to BNC Female

N CONNECTOR
MODEL N-30
OUR PRICE **$4.25**
10 FOR **$40.00**
"N" Type Crimp Male Connector For RG-59U

N CONNECTOR
MODEL N-40
OUR PRICE **$4.75**
10 FOR **$40.00**
"N" Type Male to Male Inline Connector

N CONNECTOR
MODEL N-90
OUR PRICE **$4.95**
10 FOR **$45.00**
"N" Type Double Female

N CONNECTOR
MODEL N-140
OUR PRICE **$4.95**
10 FOR **$45.00**
"N" Type Right Angle Male-Female.

N CONNECTOR
MODEL N-130
OUR PRICE **$4.95**
10 FOR **$45.00**
"N" Type Male to UHF Female

N CONNECTOR
MODEL N-160
OUR PRICE **$4.95**
10 FOR **$45.00**
"N" Type Female To UHF Male

N CONNECTOR
MODEL N-190
OUR PRICE **$4.95**
10 FOR **$45.00**
2 "N" Type Females to "N" Type Male

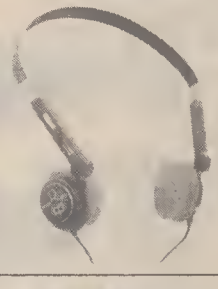
HEADPHONES/AUDIO ACCESSORIES

BP HEADPHONE
MODEL SH-87A
REG. $19.95
OUR PRICE $6.95

DESCRIPTION
An ultra lightweight headphone for all reasons, seasons and people on the go. Ideal for portable cassette players and radios.

SPECIFICATIONS
- Impedance: 4-32 ohms. • Cord length: 8.6'.
- Frequency: 20-18,000 Hz. • Stereo plug: .138".

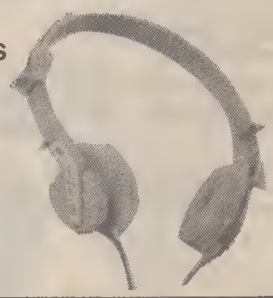
BP HEADPHONE
MODEL SH-89A
REG. $29.95 OUR PRICE $9.95



DESCRIPTION
An ultra lightweight headphone featuring quality at a price. Swivel type speakers are adjustable within a 90° arc for maximum comfort. Ideal for portable cassettes and radios. Cable end has 3.5mm mini plug. Furnished with standard 1/4" plug adaptor for home stereo equipment.

SPECIFICATIONS
- Impedance: 4-32 ohms. • Cord length: 6.6'.
- Frequency: 20-20,000 Hz. • Stereo plug: .138".

BP DYNAMIC STEREO HEADPHONES
HIGH FIDELITY MYLAR TYPE
MODEL SH-92A
OUR PRICE $12.95 **NEW!**



SPECIFICATIONS
- Frequency Response: 20-25,000 Hz.
- With samarium cobalt magnet.
- Sensitivity: 98 dB/mW.
- Impedance: 25 ohm.
- Cord length: 7 feet.

STEREO HEADPHONES WITH VOLUME TONE CONTROL
MODEL HP-40
OUR PRICE $14.95 **NEW!**

SPECIFICATIONS
- Speaker: 3" dynamic.
- Frequency Response: 30-18,000 Hz.
- Input Impedance: 8 ohm.
- Input Maximum: 500mW.
- Ear Cup: Closed Air Type.
- Cord Length: 3m spiral.
- Control: Slide volume/tone.
- Weight: 380g.

BP HEADPHONE
MODEL SH-96A
REG. $69.95 OUR PRICE $32.95

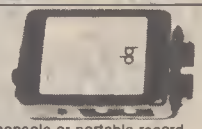
DESCRIPTION
Performance rated, high quality headset. Dual headband. Individual slide volume control and 360° swivel-type leathery comfort speakers. Standard 1/4" stereo plug.

SPECIFICATIONS
- Frequency response: 18-25,000 Hz.
- High sensitivity — can be driven to full volume with very little input.
- Connecting cord: 10 foot long cord and standard phone plug.

BP DELUXE STEREO HEADPHONE
MODEL SH-60A OUR PRICE $9.95

SPECIFICATIONS
- Sensitivity: 110 dB at 1000 Hz wit 1 mW.
- Frequency response: 20-18,000 Hz. • Unit impedance: 8Ω
- Matching impedance: 8Ω to 16Ω. • Maximum input: 0.5 watts.
- Connecting cord: 10 ft. long cord with 3-circuit phone plug.
- Has volume controls.

BP STEREO PRE-AMP
MODEL PA-420
OUR PRICE $7.95 10 FOR $69.00



DESCRIPTION
Solid state preamp allows use of stereo magnetic cartridge on any console or portable record player. RIAA equalization. Standard phono inputs and outputs. Blister package.

NADY INFRARED STEREO CORDLESS HEADPHONE SYSTEM
MODEL IR-SYSTEM
OUR PRICE $89.95

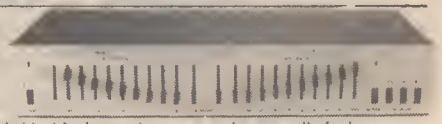
DESCRIPTION
Enjoy the freedom of cordless hi-fidelity stereo from any audio source—record player, tape, radio or TV with the new Nady IR Cordless Headphone System.

Additional applications for this versatile system include hard-of-hearing uses such as TV viewing, church services, etc. This system can also be used to provide interpretations at multi-lingual meetings, language labs, etc.

Since the Nady IR Headphone System uses transmission with invisible infrared light waves, and not radio waves with penetrate walls, privacy is assured in any use as propagation is limited to the room in which is being used.

The new Nady Infrared Headphone System offers performance previously only available in systems costing many times as much. Nady has made the many advantages of advanced infrared technology truly affordable.

BP STEREO GRAPHIC EQUALIZER
MODEL GE-333
OUR PRICE $89.95

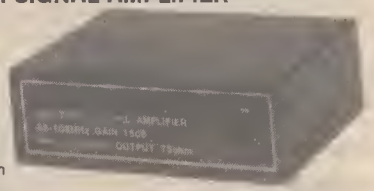


Ten band stereo Graphic Equalizer is ideal for home stereo use and a necessity for home recording and listening to music.

FEATURES
- 10 band stereo equalizer. • Attenuator control. • Equalizer On/Recording switch. • Power switch
- Equalizer off switch. • Tape monitor indicator. • Tape monitor switch. • Octave controls.

SPECIFICATIONS
Semiconductors: ICs: 12. **Transistors:** 2. **Diodes:** 8. **Equalizer Section: Equalizer Range (individual channel adjust):** ± 12dB, 32Hz, 64Hz, 125Hz, 250Hz, 500Hz, 1kHz, 2kHz, 4kHz, 8kHz, 18kHz. **Total Harmonic Distortion:** 20Hz — 20kHz, All Control; Flat, Output: 1V 0.01%. 1kHz, All Control; Max., Output: 3V 0.01%. 1kHz, All Control; Flat, Output: 2V 0.01%. 1kHz, All Control; Min., Output: 1V 0.03%. **Insertion Loss:** 0dB (Control; Flat). **Max. Output Voltage:** (1kHz, THD.: 0.02%, RL 47k ohm) 5.5V. **Frequency Response:** 5Hz — 100kHz +0 −3 dB. **Signal to Noise Ratio:**(IHF, A Network, short circuited, 1V Output) 85dB. **Input Impedance:** 50k ohm. **Output Impedance:** 800 ohm. **Miscellaneous: Power Requirement:** LE model; AC220-240V, 50/60 Hz LU model; AC 110V-120V, 50/60 Hz. **Power Consumption:** 15W. **Dimensions (WHD):** 450 x 80 x 240 mm, 17-5/8 x 3-1/8 x 9-4/8 in. **Weight (without package):** 3.5 kg., 7 lb. **Furnished Parts: Operating Instructions:** 1.

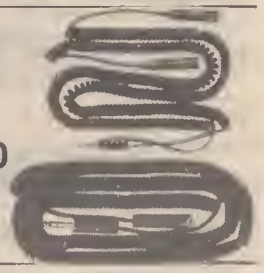
FORDHAM FM INDOOR SIGNAL AMPLIFIER
BOOSTS FM SIGNAL
FOR BETTER STEREO SOUND
MODEL FM-3018
OUR PRICE $19.95



DESCRIPTION
This amplifier increases FM signal reception in "fringe" areas. It is a high gain RF amplifier, with low noise figure, which can result in good FM stereo sound. A strong local FM station may produce interference in the FM receiver. The amplifier provides 18 dB of gain and uses less than 5 watts of power. For 75 or 300 ohm receiver inputs. AC operation.

BP AUDIO CABLE
MODEL HP-15 OUR PRICE $4.99
- For two headphones.
- 15 ft. coiled cord.
- 1/4" stereo phone plug to two 1/4" stereo phone jacks.
- Poly with header.

MODEL HP-25
OUR PRICE $2.99 each 10 FOR $27.50



FEATURES
- 25 ft. coiled type stereo headphone extension.
- 3 circuit stereo.
- 1/4" phone plug to 3 circuit stereo 1/4" jack.
- Poly with header.

RECOTON AUDIO KLEAN STIX
MODEL 53TR
OUR PRICE 99¢ each 10 pkg. FOR $9.00

DESCRIPTION
A package of 100 soft cotton tips on 8" applicators to clean and lubricate hard to reach recorder heads and guides safely.

CASSETTE HEAD CLEANING CARTRIDGE
MODEL 71TC
OUR PRICE 99¢ each 10 FOR $9.00

DESCRIPTION
Fits all type players. Avoids costly repairs by removing dirt and oxide from tape head. Easy to use. Cleans instantly.

FORDHAM RADIO • 260 MOTOR PARKWAY • HAUPPAUGE • NEW YORK 11788

BP KEYBOARD REPLACEMENT AC ADAPTORS FOR CASIO® and YAMAHA®

MODEL AC-1760 OUR PRICE $6.95

The AC-1760 Fits The Following Casio Keyboards:
MT-55, PT-82, PT-87, PT-100, SK-1, SK-5, SK-8, SZ-1

SPECIFICATIONS
- UL Listed • Input: 120VAC 60Hz, 11W
- Output: 12VDC No-Load, 7.5VDC Loaded 600mA.

MODEL AC-1785 OUR PRICE $9.95

The AC-1785 Fits The Following Casio Keyboards:
AZ-1, CPS-101, CT-360, CT-450, CT-510, CT-630, CZ-101, CZ-230S, CZ-1000, DZ-1, HT-700, HT-3000, HT-6000, HZ-600, MT-88, MT-110, MT-205, MT-220, MT-520, MT-600, MT-820, SK-100, SK-200, SK-2100

SPECIFICATIONS
- UL Listed • Input: 120VAC 60Hz, 15W • Output: 9VDC 650mA

MODEL AC-1730 OUR PRICE $7.95

The AC-1730 Fits The Following Yamaha Keyboards:
PSR-12, PSS-30, PSS-130, PSS-170, PSS-270, PSS-370, PSS-470, PSS-570, YPR-1, YPR-7

SPECIFICATIONS
- UL Listed
- Input: 120VAC 60Hz, 11W • Output: 12VDC 300mA

Casio is a registered trademark of Casio Computer Co., LTD. Yamaha is a registered trademark of Nippon Gakki Co.

BP UNIVERSAL AC ADAPTOR

MODEL AC-900
OUR PRICE $4.95 each
10 FOR $40.00

SPECIFICATIONS
- Output: 3, 4.5, 6, 7.5 or 9 volts.
- Universal 4-way outlet plug.
- Polarity reverse plug.
- Display package.
- Input: 117 volts AC.

BP AC ADAPTOR FOR TV & ATARI GAME

MODEL AC-1500
OUR PRICE $5.95 each
10 FOR $50.00

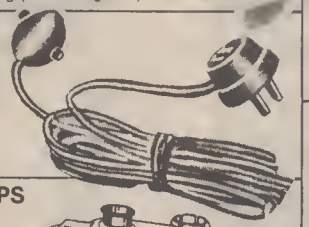
SPECIFICATIONS
- Adaptor for 9 volts.
- 500 mA.
- Universal 4-way outlet plug.
- Polarity reverse switch.
- Replacement game switch.
- Input: AC 117V 60 Hz. • Output: DC 9V 500 mA.
- Negative or positive polarity connector. • Display Package.

BP REGULATED AC/DC ADAPTOR FOR SONY MINI WALKMAN

MODEL AC-1215
OUR PRICE $4.95

SPECIFICATIONS
- Input: 110V AC 60Hz.
- Output: 1.5V DC 200mA.
- With 1.3mm Sony plug (center negative).

BP REMOTE AC ON/OFF SWITCH

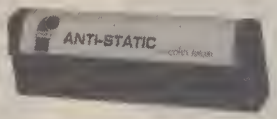


MODEL AC-15
OUR PRICE
$3.95

BATTERY SNAPS

MODEL BS-1
10 FOR $2.50
- Four inch leads for standard 9 volt battery. • 5 per bag.

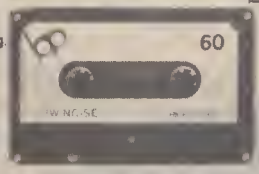
BP ANTI-STATIC CARBON FIBER DISC BRUSH



MODEL RC-1020
OUR PRICE
$4.95

FEATURES
- Conductive carbon fibers. • Eliminates static charges.
- Removes even finest dust particles. • Record disc cleaner.

BP CASSETTE TAPES



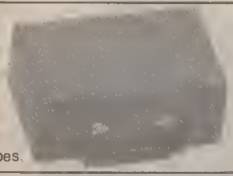
MODEL CT-603
OUR PRICE 99¢ per pkg.
10 pkg. FOR $8.00

60 minute cassettes. Low noise, high output blank cassettes. Full frequency, dynamic range. 3 cassettes per package.

CASSETTE TAPES
MODEL CT-903 OUR PRICE $1.25 per pkg.
10 pkg. FOR $10.00

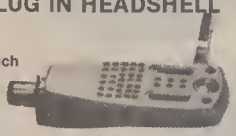
90 minute cassettes. Low noise, high output blank cassettes. Full frequency, dynamic range. 3 cassettes per package.

BP CASSETTE CARRYING CASE



MODEL CT-1010
OUR PRICE $2.95
- Cassette carrying case with handle.
- Holds up to 12 cassette tapes.

BP UNIVERSAL PLUG IN HEADSHELL



MODEL HS-96 black
OUR PRICE $2.95 each
5 FOR $12.50

MODEL HS-97 chrome
OUR PRICE $3.25 each 5 FOR $15.00
- Fits all the latest turntables. • Display package.

BP FM INDOOR ANTENNA

MODEL FM-400
OUR PRICE 75¢ each
10 FOR $6.90
100 FOR $59.00

DESCRIPTION
Folded dipole design. 60" dipole and 60" lead. Connects to terminals on radio, improves FM and multiplex—stereo reception. Display package.

BP INTERFERENCE FILTER

MODEL NF-724
OUR PRICE 99¢ each
10 FOR $9.00

DESCRIPTION
Instantly stops or reduces noise interference transferred by electrical lines. Plug any 117V AC radio, TV, record player, CB set into filter and plug filter into wall outlet. Display package.

BP NOISE FILTER

MODEL NF-725
OUR PRICE 99¢ each
10 FOR $9.00

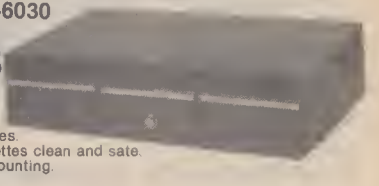
DESCRIPTION
Eliminates or reduces TV interference caused by amateur radio, police, CB, auto ignition, neon signs, diathermy, etc. Connects between TV antenna lead and set. Screw terminals. Display package.

BP 20 FT. MAGNETIC EARPIECE

MODEL EP-3
OUR PRICE 90¢ each
10 FOR $7.50

DESCRIPTION
For private listening. Ideal for transistor radios, TV sets, tape recorders, etc. With ear hanger. Twisted cable.

BP CASSETTE CABINET



MODEL CT-6030
OUR PRICE
$12.95
- Stores 30 cassettes.
- Each drawer holds 10 tapes.
- Keeps cassettes clean and safe.
- Unlimited mounting.

CHANNELSCAN WIRELESS TV REMOTE CONTROL *HAS SLEEP SHUT-OFF!*

MODEL SC-50
OUR PRICE
$39.95

DESCRIPTION
ChannelScan wireless remote control turns your existing TV, with rotary dial selection, into a remote control model. Its exclusive automatic sleep shut-off allows you to fall asleep without worrying about the TV being on all night. Just set the control for 30 or 60 minutes and at those respective times the TV will shut itself off. It installs easily and works up to 20 feet away. You'll have the convenience of controlling your TV from your most comfortable chair or bed. The infrared wireless handset will change the channels in an upward or downward direction. It also requires a 9 volt battery which is included. This remote control will not work with push button electronic tuning, it cannot be converted.

SANYO BATTERY CHARGER

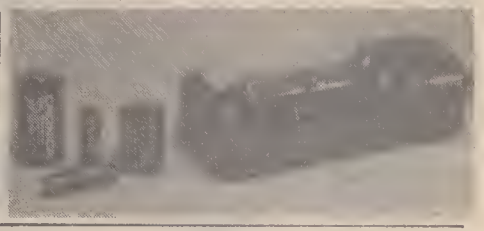
For 'AA'-C-D and 9V Rechargeable Batteries

MODEL NC-1239 OUR PRICE $17.95

DESCRIPTION
Make the economy switch to rechargeable batteries. This charger brings batteries back to full strength up to 1000 times (depending on use). It accommodates all standard sizes and recharges two to four batteries simultaneously and has a rapid charge time of 8-10 hours. A fail-safe LED indicator is included plus it plugs into any ordinary AC outlet.

Optional Long-lasting Sanyo CADNICA batteries

Model	Price
N-1U (D size)	$3.95
N-2U (C size)	$3.75
N-3U (AA size)	$3.25
N-6PT (9 volt)	$8.95



BP ATTACHE CASE with COMBINATION LOCK

MODEL TC-7350R (Burgundy)
OUR PRICE
$29.95

MODEL TC-7350B (Black)
OUR PRICE
$29.95

DESCRIPTION
Finely crafted attache case with combination lock is an attractive accessory for the business person. The combination lock secures your belongings and insures your privacy. This case also features an expandable bottom when that little extra space is needed. The pocket divider is a helpful organizer for pens, pencils, calculator, pads and comes in either black or burgundy. Dimensions: 17½"W x 12½"H x 4"D.

CHARGE IT • VISA • MASTER CARD • AMERICAN EXPRESS • Toll Free 800-645-9518 • NYS Toll Free 800-832-1446

SPEAKERS & ACCESSORIES

BP 6" GENERAL PURPOSE SPEAKER
MODEL BP-300-6

OUR PRICE **$4.95** each

2 FOR **$8.00**

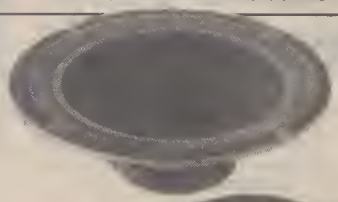
FEATURES
- 8" general purpose speeker with dust cover.
- 3 oz. ceramic megnet.

8" SPEAKER 3 OZ. CERAMIC MAGNET
MODEL BP-300-8

OUR PRICE **$4.95** each 2 FOR **$8.00**

SPECIFICATIONS
- Frequency response: 70-15,000 Hz • Impedance: 8Ω. • Maximum power: 15 watts. • **Display package.**

BP 8" SPEAKER 10 OZ. CERAMIC MAGNET
MODEL BP-1000-8



OUR PRICE **$12.95** each

2 FOR **$24.00**

SPECIFICATIONS
- Full eir suspension.
- Frequency response. 70-15,000 Hz.
- Impedance: 8Ω.
- Maximum power: 15 wetts. • **Display package.**

BP 12" SPEAKER 10 OZ. CERAMIC MAGNET
MODEL BP-1210

OUR PRICE **$19.95** each

SPECIFICATIONS
- Air suspension speeker with foem edge. • Impedence: 8Ω.
- Maximum power: 25 watts. • Frequency response: 30-80,000 Hz.

BP 100 WATT L PAD WITH PLATE
MODEL AT-41

OUR PRICE **$7.95** each

10 FOR **$70.00**

BP HOME AUDIO LEVEL CONTROL
MODEL AT-40

AT-40

OUR PRICE **$3.95** each 10 FOR **$35.00**

SPECIFICATIONS
- 8Ω. • Moneural L pad.

MODEL AT-40D

AT-40D

OUR PRICE **$5.95** each 10 FOR **$50.00**

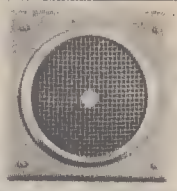
SPECIFICATIONS
- 8Ω. • Stereo L ped

BP METAL CEILING GRILL 8" SPEAKER
MODEL CL-82W

OUR PRICE **$4.95** each 10 FOR **$45.00**

SPECIFICATIONS
- 12-7/8".

LOWELL CEILING SPEAKER BAFFLE
MODEL CR-80P



OUR PRICE **$6.95** each 10 FOR **$60.00**

DESCRIPTION

Ideal beffle designed for either ceiling or wall recessed installations. Model CR80-P is molded of durable high-impact styrene end is available in white only. Self-tapping screws are used to mount speaker to back of grille, thus elimineting visible speeker mounting screws. All mounting hardware is furnished.

BP AUTO SPEAKER CONTROL
MODEL AS-1

OUR PRICE **$1.50** each 10 FOR **$10.00**

Complete kit contains all components needed for switching between dual speakers.

6-1/2" HIGH POWER PAPER CONE WOOFER—*150 Watts Peak*
MODEL W-61

OUR PRICE **$19.95** each

FEATURES
- 6-1/2" Paper cone woofer.
- 40 oz. strontium magnet.
- 60 watt RMS. • 150 watts max.
- Frequency Response: 40-7KHz.
- 1" Aluminum Voice Coil. • 4 Ohm.
- Complete with speaker wire, mounting screws end template.

8" HIGH POWER PAPER CONE WOOFER—*150 Watts Peak*
MODEL W-81

OUR PRICE **$19.95** each

FEATURES
- 8" Paper cone woofer.
- 40 oz. strontium magnet.
- 75 watt RMS. • 150 watts peak.
- Frequency Response: 34-5000Hz.
- 1-1/2" Aluminum Voice Coil. • 4 Ohm.
- Complete with speaker wire, mounting screws end template.

10" HIGH POWER PAPER CONE WOOFER—*200 Watts Peak*
MODEL W-10

OUR PRICE **$29.95** each

FEATURES
- 10" Paper cone woofer.
- 60 oz. strontium magnet.
- 100 watt RMS. • 200 watts peak.
- Frequency Response: 30-4500Hz.
- 1-1/2" Aluminum Voice Coil. • 4 Ohm.
- Complete with speaker wire, mounting screws and template.

12" HIGH POWER PAPER CONE WOOFER—*250 Watts Peak*
MODEL W-125

OUR PRICE **$39.95** each

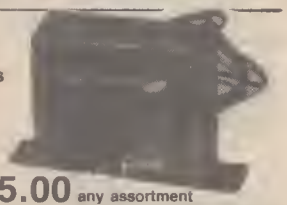
FEATURES
- 12" Paper cone woofer.
- 60 oz. strontium magnet.
- 125 watt RMS. • 250 watts peak.
- Frequency Response: 25-5000Hz.
- 1-1/2" Aluminum Voice Coil. • 4 Ohm.
- Complete with speaker wire, mounting screws and template.

15" HIGH POWER PAPER CONE WOOFER—*300 Watts Peak*
MODEL W-155

OUR PRICE **$49.95** each

FEATURES
- 15" Paper cone woofer.
- 80 oz. strontium megnet.
- 125 wett RMS. • 300 watts peek.
- Frequency Response: 25-3500Hz.
- 2" Aluminum Voice Coil. • 4 Ohm.
- Complete with speaker wire, mounting screws and template.

BP UNIVERSAL LINE MATCHING TRANSFORMER
Match 4-8 Ohm Speakers with Standard Taps



MODEL LT-70-5 70 volt 5 watt

MODEL LT-70-10 70 volt 10 watt

MODEL LT-25-10 25 volt 10 watt

OUR PRICE **$4.50** each 10 FOR **$45.00** any assortment

BP PILLOW SPEAKER
MODEL PS-11

OUR PRICE **$4.95**

DESCRIPTION

The PS-11 features volume control and a 10 ft. cord with 3.5mm plug. Can be connected to TV, radio, phonograph or tape recorder.

CALL US MONDAY THRU FRIDAY 8:00 AM to 6:30 PM • SATURDAY 9:00 AM to 3:00 PM E.S.T.

BP 6" x 9" 4-WAY SPEAKER KIT
MODEL BP-2000-69QRD

OUR PRICE **$19.95** per pair

SPECIFICATIONS
- Two 6" x 9" 4-way speakers
- Two 1" horn tweeters.
- One 3" midrange.
- Chrome bridge — foam roll.
- Deluxe grilles and cables.

BP 6" x 9" SPEAKER KIT
MODEL BP-2000-69CXD

OUR PRICE **$14.95** per pair

SPECIFICATIONS
- 20 oz. ceramic magnet.
- Cloth roll air suspended woofer.
- Separate 3" high efficiency tweeter.
- Maximum power 25 watts.
- Impedance: 8 ohm.
- Two 6" x 9" coaxial speakers, custom padded grilles, hardware, cables and instructions.

BP 4" AIR SUSPENSION 10 OZ. STEREO SPEAKER SYSTEM
MODEL BP-4100 OUR PRICE **$9.95** per pair

SPECIFICATIONS
- Two 4" speakers.
- Impedance: 8 ohms.
- Maximum power: 15 watts.
- Frequency response: 50-20,000 Hz.
- Foam edge.
- Complete with cable and grilles.

BP 4" COAX 10 OZ. STEREO SPEAKER SYSTEM
MODEL BP-4200

OUR PRICE **$14.95** per pair

SPECIFICATIONS
- Two 4" coax speakers.
- Impedance: 8 ohms.
- Frequency response: 120-20,000 Hz.
- Foam edge.
- Complete with cables and grilles.

BP 4" x 10" COAXIAL SPEAKER KIT
MODEL BP-4800 OUR PRICE **$19.95** per pair

SPECIFICATIONS
- Two 4" x 10" coax speakers
- 20 oz. magnet. • Chrome bridge.
- Foam edge air suspension • Deluxe grilles and cables

4" x 10" THREE-WAY SPEAKER KIT
MODEL BP-4900 OUR PRICE **$24.95** per pair

SPECIFICATIONS
- Two 4" x 10" three-way speakers.
- 20 oz. magnet. • Foam edge air suspension.
- Chrome bridge. • Deluxe grilles and cables.
- **Display package.**

TELESONIC THE SOURCE
Emergency Car Battery Charger
MODEL TS-1000

OUR PRICE **$29.00**

The Source is designed to recharge the car battery via the cigarette lighter socket. This enables you to start the car without raising the engine hood, without calling emergency service or leaving the seat of your car. The unit is completely portable and fits under your seat. Use it as a power source for portable radio, TV, etc. Can be used anywhere in the world. Features: a power switch, 12v (for 12v appliance) and 24v car battery selector, Self check indicator, car battery voltage indicator, and an output connector for cigarette or DC cable. Power source: 16 "D" alkaline batteries not included.

BP 5" WEDGE SPEAKER
MODEL BP-5300

OUR PRICE **$7.50** per pair

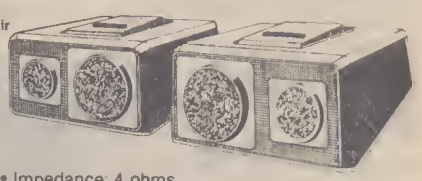
FEATURES
- ABS plastic.
- 3 oz. ceramic magnet. • With speaker cables.

BP DELUXE HIGH FIDELITY 2-WAY STEREO SPEAKER SYSTEM
MODEL HF-10

OUR PRICE **$29.95** per pair

FEATURES
- Compatible for car stereo use or home.
- Heat resistant cabinet.
- Surface mounting.
- 2-way.

SPECIFICATIONS
- Power: Nom. 15W Max. 25W. • Impedance: 4 ohms.
- Gross Weight: 3.5 lbs. (1.60Kg). • Quantity: 2 pieces.



BP 5" DELUXE EXTRA SLIM STEREO SPEAKER KIT
MODEL BP-5700

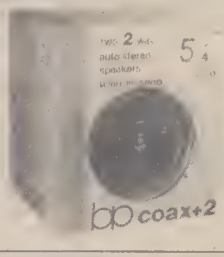
OUR PRICE **$9.95** per pair

SPECIFICATIONS
- Air suspension.
- Impedance: 8 ohms.
- Maximum power: 8 watts.
- Deluxe grilles and cables included.
- Designed for imported cars.

BP 5-1/4" COAX SPEAKER KIT
MODEL BP-5800

OUR PRICE **$14.95** per pair

SPECIFICATIONS
- Two 5-1/4" coax speakers.
- 20 oz. magnet.
- Chrome bridge.
- Foam roll, padded grilles and cables.
- **Display package.**



BP THREE-WAY 5-1/4" SPEAKER KIT
MODEL BP-5900

OUR PRICE **$19.95** per pair

SPECIFICATIONS
- Two 5-1/4" three-way speakers.
- 20 oz. magnet.
- Chrome bridge — foam roll.
- Deluxe grilles and cables.

BP 5-1/2" COAX EXTRA SLIMLINE STEREO SPEAKER KITMODEL BP-6000

OUR PRICE **$14.95** per pair

FEATURES
- 5-1/2 two-way speaker system.
- 5.3 oz. ceramic magnet.
- 1" dome tweeter.
- Frequency response: 80-18,000 Hz.
- Maximum power: 15 watts.
- Impedance: 8 ohms.
- Complete with metallic mesh grilles, hardware and instructions.
- Designed for imported cars.
- Deluxe acoustical design to give maxi sound.

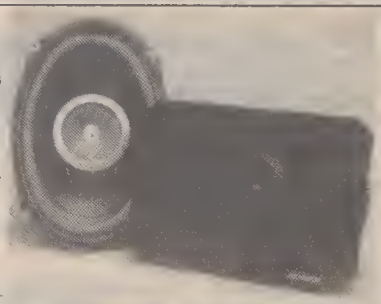
SPEAKER CONTROL
Operates Two Units On One Set Of Speakers
MODEL AS-5

OUR PRICE **$2.50** each 10 FOR **$10.00**

DESCRIPTION
Simple attachment of this speaker selector switch allows the option of using present speakers for two separate audio devices, by switching from one to the other.

AUDIOVOX
2-WAY SPEAKERS
MODEL CX-120 6" x 9" Speakers

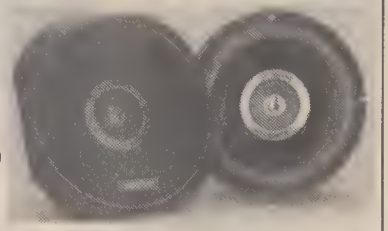
OUR PRICE $39.95 per pair



- Deluxe coaxial 8" x 9" polypropylene cone system.
- Standard 6" x 9" size fits factory opening in many rear decks
- Vacuum-formed polypropylene woofer cone is resistant to environmental hazards yet reproduces sound with incredible accuracy.
- Powerful 20 oz. ceramic magnets.
- Foam-roll air-suspension edge.
- Post-mounted 3" wide-dispersion tweeter.
- Deluxe metal-mesh grilles.
- 100 watt maximum power capacity per speaker.
- 70-18,000 Hz response. • 4-8 Ω.

DELUXE COAXIAL 6" POLYPROPLYENE CONE SYSTEM
MODEL CX-20

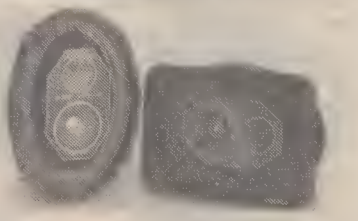
OUR PRICE $32.00 per pair



- Popular 6" size for in-door or in-deck mounting.
- 5-1/4" polypropylene woofer cone for highest sound quality and resistance to environmental effects.
- 20 oz. ceramic magnets. • 2" cone tweeter.
- Foam-roll air-suspension edge. • 4-8Ω compatible.
- Deluxe molded grilles • 90-18,000Hz response.
- 100 watt maximum power capacity per speaker.

3-WAY SPEAKERS 100 WATT HI-PERFORMANCE 3-WAY 6" x 9"
MODEL TRY-100

OUR PRICE $69.00 per pair



- Powerful 27 oz barium-ferrite magnets.
- Foam-roll woofer suspension.
- High temperature 1-1/2" aluminum voice coil.
- 2-1/2" cone mid-range and 2" solid-state Piezo tweeter on bridgeless design support.
- For in-deck use in factory 6" x 9" opening • Self-studded metal-mesh grilles
- 40-20,000 Hz response. • 4-8Ω compatible.

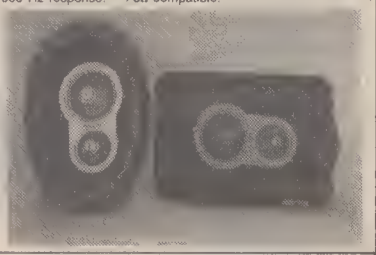
DELUXE 3-WAY 6" ROUND SPEAKER SYSTEM
MODEL TRY-25

OUR PRICE $39.00 per pair

- Bridgeless post-mount construction.
- 8" size for in-door or in-deck use.
- 5-1/4" woofer cone with foam-roll suspension and 20 oz magnet.
- 1-1/2" mid-range driver with cross-over.
- 3/8" mylar dome tweeter in 1" horn.
- Snap-on grilles • 40 watts max power cap • 70-18,000 Hz response. • 4-8Ω compatible.

DELUXE 3-WAY 6" x 9" SPEAKER SYSTEM
MODEL TRY-20

OUR PRICE $39.00 per pair



- Bridgeless post-mount construction.
- 8" x 9" size fits factory opening in rear deck.
- Foam-roll air-suspension woofer with powerful 20 oz magnet
- 3" mid-range driver with cross-over.
- 2" cone tweeter. • Self studded metal-mesh grilles.
- 40 watts max power capacity.
- 60-18,000 Hz response. • 4-8 ohm compatible.

BP TRANSISTOR MEGAPHONES
MODEL MP-351 OUR PRICE $69.95

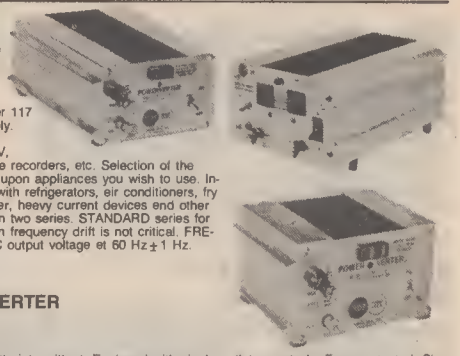
Ideal for boats, stadiums, outdoors, etc 10-watt rated power output. Projects your voice clearly with excellent range Lightweight, high impact plastic. Uses 6 'C' cell batteries (not included). Speaker edges are protected by a rubberized plastic.

FEATURES
- Designation: 10W, shoulder type transistorized megaphone.
- Power output: Rated: 10W Maximum: 16W
- Power consumption: Below 16W (at rated output).
- Effective distance: Approx. 270 ft
- Power source: 6 C size cells, duration approx 6 hour.
- Microphone: Anti-howling, dynamic type microphone.
- On/off switch. • Rotary volume control. • Coiled cord.
- Shoulder belt and mike hangers on body end belt.

TRANSISTOR MEGAPHONE
MODEL MP-352 OUR PRICE $49.95

FEATURES
- Designation: 10W, combination-type transistorized megephone.
- Power output: Rated: 10W Maximum: 16W.
- Power consumption: Below 16W (at rated output).
- Effective distance: Approx. 750 ft.
- Power source: 6 C size cells, duration 6 hours approx
- Microphone: Anti-howling, dynamic type microphone (combined to the main body).
- On/off switch. • Rotary volume control. • Pistol grip
- Easy-to-carry shoulder belt.

TRIPP LITE
POWER INVERTERS
Solid State Square Wave
12 VDC to 117 VAC



Quality solid state, efficient units deliver 117 VAC output from a 12 VDC input supply. Ideal for use in car, trailer, boat, truck, camper, for lighting, radios, phones, TV, business machines, tools, shavers, tape recorders, etc. Selection of the model to serve your needs dependent upon appliances you wish to use. Inverters are not recommended for use with refrigerators, air conditioners, fry pans, toasters, coffee pots, irons, heater, heavy current devices and other reactive loads. Inverters are available in two series. STANDARD series for operating appliances and tools in which frequency drift is not critical. FREQUENCY CONTROLLED series for AC output voltage at 60 Hz ± 1 Hz.

STANDARD SERIES
TRAVELER'S POWER INVERTER
MODEL PV-200
OUR PRICE $89.95

200 watts continuous power or 220 watts intermittent. Equipped with single outlet receptacle. Fuse protected. Size: 3-1/2" x 6-1/2" x 5-1/2". Shpg. Wt: 7 lbs.

POWER INVERTER MODEL PV-400 OUR PRICE $139.95

400 watts continuous power or 450 watts intermittent. Equipped with on/off switch, single outlet receptacle and fuse protection. Size: 3-1/2" x 6-1/2" x 9". Shpg. Wt: 14 lbs.

POWER INVERTER MODEL PV-550 OUR PRICE $199.95

550 watts continuous power or 600 watts intermittent. Provided with polarity protection on input circuit and pilot light to indicate overloads. Has on/off switch and two grounded type outlet receptacles. Size: 5" x 9-1/2" x 9". Shpg. Wt. 19 lbs.

FREQUENCY CONTROLLED SERIES
POWER INVERTER MODEL PV-250FC OUR PRICE $199.95

250 watts continuous power or 275 watts intermittent. Operates frequency sensitive devices. Single AC receptacle, fuse protected, on/off switch. Size: 3-1/2" x 6-1/2" x 9". Shpg. Wt. 16 lbs.

POWER INVERTER MODEL PV-500FC OUR PRICE $299.95

500 watts continuous power or 550 watts intermittent. Features — polarity protection on input circuit, pilot light "overload", fuse protection, 2 grounded type receptacles for AC output, on/off switch. Jack on front panel facilitates remote on/off operation. Size: 5" x 9-1/2" x 9". Shpg. Wt: 19 lbs.

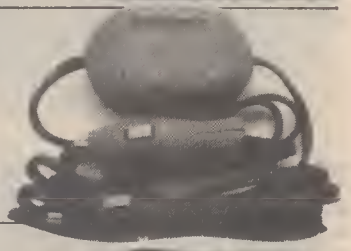
POWER INVERTER MODEL PV-1000FC OUR PRICE $449.95

1000 watts continuous power or 1100 watts intermittent. Polarity protection provided on input circuit. Pilot light indicates overload. Has 2 grounded type AC outlet receptacles, circuit breaker protection, on/off switch. Jack on front panel facilitates remote on/off operation. Size: 5" x 9-1/2" x 17". Shpg Wt: 45 lbs.

AUDIOVOX ANTENNA BOOSTER
MODEL AB-50 OUR PRICE $14.95

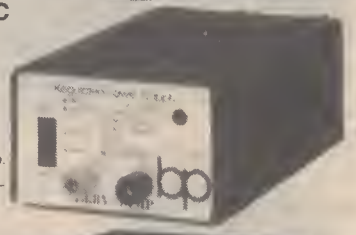
DESCRIPTIONS
FM antenna booster is expressly designed for cars with windshield antennas, or for problem reception areas. It im proves reception range. FM stereo broadcasts are sharper and lock in solidly. Easily installs in or below dash. Illuminated on-off switch

SNAP IT POSI CHARGE
Charge Your Battery Without Lifting The Hood
MODEL POS-1
OUR PRICE $19.95



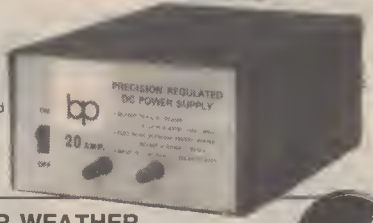
You don't even have to lift your car hood. Just plug one ent into your car's lighter and run the cable across and into a running car's lighter. Wait a few minutes, then start right up!

BP 4 AMP REGULATED DC POWER SUPPLY
MODEL SU-4A
OUR PRICE $26.50



Binding Post Terminals.
- Short-Circuit Protection.
- Input: 115V AC 60 Hz.
- Output: 13.8V DC —3 AMP constant -5 AMP surge.
- Size: 7-3/4"D x 4-1/4"W x 2-1/2"H.

20 AMP PRECISION REGULATED DC POWER SUPPLY
MODEL SU-20A
OUR PRICE $96.00



- Output: 13.8V DC —20 AMP fully regulated low ripple.
- Input: 117V. AC 60 Hz —Fuse Protected.
- Size: 11-1/2"D x 4-3/4"H x 7-3/4"W.
- Electronic overload protection with instant automatic reset.

BP INDOOR/OUTDOOR WEATHER RESISTANT 5" HORN
MODEL BP-5000
OUR PRICE $9.00 each 10 FOR $8.00

SPECIFICATIONS
- Impedance: 8Ω. • Maximum power: 25 watts.
- 5" x 8" rectangular trumpet speaker.

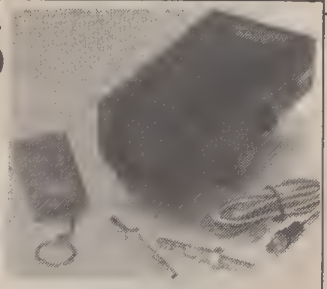
FORDHAM RADIO • 260 MOTOR PARKWAY • HAUPPAUGE • NEW YORK 11788

CAR RADIO CASSETTE SECURITY LOCK
MODEL CLS-1

OUR PRICE $24.95

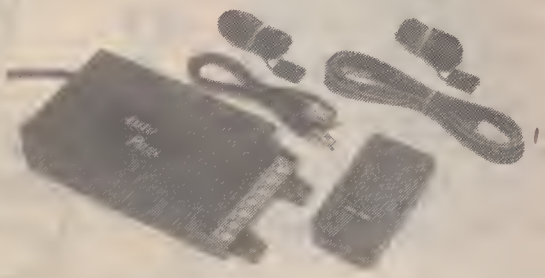
This new radio cassette lock eases the worry of returning to your car end finding your cassette deck stolen. It's compact, end highly visible to discourage potential thieves. It slips easily into your cassette deck and once locked in place, it cannot be forcibly removed without destroying the cassette player. The individually-keyed tubular lock comes with 2 keys and a window warning sticker ("Don't Even Try It!).

AUDIOVOX REMOTE CONTROL SECURITY SYSTEM
MODEL AA-9145 OUR PRICE $88.00



FEATURES
- Keyring Radio Frequency Remote Transmitter.
- Siren Chirps Once When Armed.
- Siren Chirps Twice When Disarmed.
- Voltage Sensing Operation.
- High Wattage Electronic Siren.
- Instant Activation For All Points Of Entry.
- Cooling Fan Sensing Lead.
- Automatic 60 Second Shutdown Timer.
- All Electronics Self-Contained.
- Fully Adjustable Detector.
- Built-In Headlight Flasher.
- System supplied with mounting hardware end wire.

AUTOPAGE VEHICLE SECURITY ALARM SYSTEM
MODEL AP-4000
OUR PRICE $99.00



DESCRIPTION
AUTOPAGE 4000 gives you 24 hour surveillance of your vehicle and valuables. The coded radio signal alerts only you. The AP-4000 arms itself automatically whenever the vehicle's engine has been turned off. A pocket-sized pager (receiver) emits a clear beeping tone in conjunction with a flashing warning light when the system is triggered. 1,000 individually tone-coded combinations virtually eliminate false alarms. The transmitter is mounted in the vehicle—under the dash, seat, or in the glove compartment. Its signal is triggered when the resonace sensors detect tampering.
AUTOPAGE comes with two sensors to detect high frequency metallic sounds made by a 'slim jim' or pry bar. They in turn trigger the system.

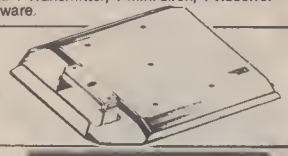
AUTO PAGE INC.® AUTO PAGE REMOTE ASSIST
For Vehicle Location and Personal Security
MODEL RA-01

OUR PRICE $119.95

Auto Page Remote Assist solves the problem of locating a parked vehicle at shopping malls, airports, public sites end large parking facilities.
Simply depressing the yellow LOCATE button within e 300 foot radius (under most circumstances) activates the system siren; a vehicle's parking light can also be optionally connected for both audible and visual location essistance. The system is activated only as long as the LOCATE button is held down, facilitating unobtrusive and controlled use.
The RA-01 can also deter potential intruders or alert pessers-by of an emergency in progress. Activiating the red Panic button on either the miniature remote transmitter or the vehicle-mounted receiver unit triggers the system for approximately one minute.
It's compact, attractive and easy to install-simply plug it into the vehicle cigarette lighter with the provided adaptor. (It may be herdwired to a convenient point in the auto's electrical system).

SPECIFICATIONS
TRANSMITTER: Frequency: One frequency in the UHF radio band. **Output Power:** Per FCC Part 15. **Modulation Type:** Frequency Modulation (FM). **Size:** 1.5"W x 2.6"L x 0.7"D. **RECEIVER: Power Supply:** 13.6 VDC, negative ground. **Relay Contact:** Signal pole, normally open. **Locate Relay Closure Time:** Duration of transmitted 'Locate' signal. **Sensitivity:** Less than 0 db per microvolt. **Relay Contact Rating (max.):** 10 Amps at 30 VDC/120 VAC. **Panic Relay Closure Time:** Pulsating, approx. one minute. **Size:** 3.5"W x 4.7"L x 1.4"D. **Comes complete with:** 1 Transmitter, 1 Mini-siren, 1 Receiver Antenna, 1 Receiver; wiring harness and installation hardware.

BP CB LOCK MOUNT BRACKET
MODEL CB-500 OUR PRICE $4.95



DESCRIPTION
For CB atereoa, radios, etc. Display packege.

BPAUTO FM BOOSTER
MODEL FM-375
OUR PRICE $14.95

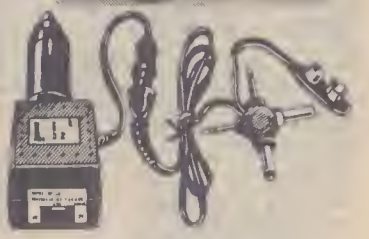
Get those extra miles from your FM stations. Dramatically improves reception of your FM auto radio in Fringe areas.

BP SUPER TORCH
MODEL CH-122

OUR PRICE $14.95

DESCRIPTION
The CH-122 is a 6-in-1 portable safety lamp with nylon strap. Use it in emergencies, car repair, camping, fishing, etc. Six Settings: Searchlight, Fluorescent lamp, Yellow flashing, Red warning, combination yellow and fluorescent, and combination of yellow and red warning lamp. Can be powered by using car adaptor provided or by 6 "D" cell batteries (not included).

BP UNIVERSAL DC ADAPTOR
MODEL CB-200C

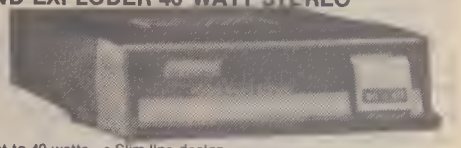


OUR PRICE $4.95 each
10 FOR $40.00

DESCRIPTION
3 way switch gives instant selection of 12 volt to 6V., 7.5V., 9V. DC at 300 MA output. Use your own car or boat battery to power your portable tape player. CB set, portable radio, etc. Plugs in cigarette lighter receptacle. Comes with 4 way universal plug and battery snap. Contains slide switch and polarity reverse. Peg packaged.

MODEL CB-280 800 mA. **OUR PRICE $6.95 each 5 FOR $30.00**

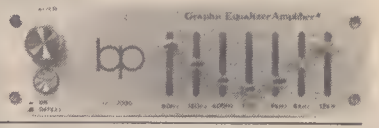
AUDIOVOX SOUND EXPLODER 40 WATT STEREO POWER AMPLIFIER
MODEL AMP-500



OUR PRICE $19.95

FEATURES
- Increases stereo system output to 40 watts.
- Slim-line design.
- Installs under dash.
- Push-button on-off switch with indicator light.
- Compatible with grounded output systems.
- 20-30,000 Hz response.

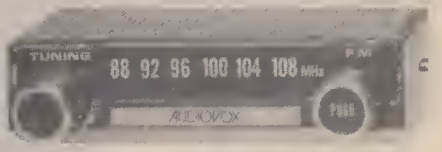
BP 7 BAND GRAPHIC EQUALIZER
MODEL GE-7000



OUR PRICE $32.00

FEATURES
- 60 Watts.
- 7 Bands.
- Deluxe model.
- Fader.
- Stereo.

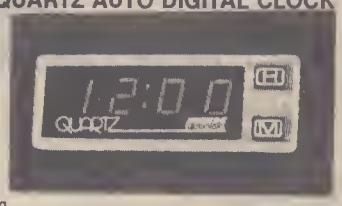
AUDIOVOX MICRO-FM CONVERTER
MODEL FMC-IC



OUR PRICE $16.95

The most popular FM converter on the market today! Converts en AM car radio to an FM radio. The FMC-IC is so small it can be mounted under the dash, out of sight to evoid theft.

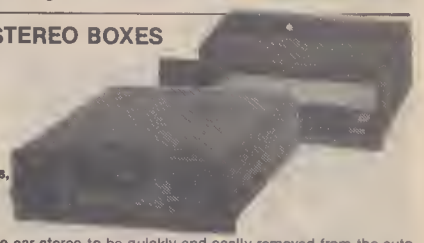
AUDIOVOX "LE CLOCK" QUARTZ AUTO DIGITAL CLOCK
MODEL LED-80



OUR PRICE $12.95

FEATURES
- Quartz regulated accuracy to one minute e yeer.
- Brilliant LED display panel.
- Convenient time-set pushbuttons.
- Beautifully gift packaged in woodgrain diaplay carton.
- Includes indesh mounting bezel.
- Micro-sized for in, on or underdash mounting.

STEREOSHUTTLE STEREO BOXES
With Battery Back-up For Clocks
MODEL 23.13L/B 2-Shaft, 190mm Long Housing with Memory



OUR PRICE $24.95

MODEL 23.15L/B Shaftless Radios, 190mm Long Housing with Memory

OUR PRICE $24.95

Stereoshuttle is a system that allows the car stereo to be quickly and easily removed from the auto by the owner whenever he wishes. It comes with docking base which is fixed and wired into the auto. Once the stereo is mounted and wired into the plastic housing module it can be removed and replaced freely when need be. This allows use of the stereo in two autos, or auto-house, or auto-boet, and anywhere else you may want to take your stereo.
OPTIONAL ACCESSORIES: Model 20.110 Shuttleman 9V rechargeable Ni-Cad battery -Special Heavy Duty- for over 25% more power...$9.95
Model 51.110 AC/DC adaptor with Fly-A-Way lead provides a recharge power for battery and hold memory from a 110V/AC outlet...$8.95

CHARGE IT • VISA • MASTER CARD • AMERICAN EXPRESS • Toll Free 800-645-9518 • NYS Toll Free 800-832-1446

CB ANTENNAS & ACCESSORIES

BP TRUNK LIP MOUNT MOBILE ANTENNA
MODEL CB-206

OUR PRICE **$14.95**

For 27 mHz CB transceivers. Base-loaded, fully weather-proof, easy to install 'top of the line' antenne. Overall length: 43-1/2". Rod adjusts for lowest SWR heavy duty stainlass steel whip and shock spring. Includes 16 ft. coax cabla and PL-259 connector.

RAIN GUTTER MOUNT MOBILE ANTENNA
MODEL CB-152

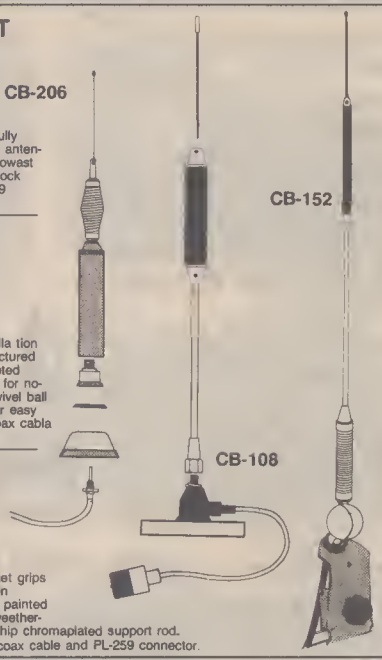
OUR PRICE **$14.95**

For 27 mHz CB transceivers. Get easy installa tion with thia 26" antanne. Guttar mount manufactured from heavy gauge, corrosion free chrome-plated metal. Clemps securely to many rein gutters for no-hole installation. Includes edjustable 180° swivel ball for vertical position of tha entenne. Ready for easy installation with 10 ft. top quality RG-58/U coax cabla and PL-259 connector.

MAGNETIC MOUNT MOBILE ANTENNA
MODEL CB-108

OUR PRICE **$14.95**

For 27 mHz CB transceivers. Powerful magnet grips firmly to flat matal surface. Special coating on magnet bese keeps scratching or marring of painted surface. Center coil-loaded end completely weather-proof, tunes to lowest SWR stainlass steel whip chromaplated support rod. Overall langth 26". Includes 10 ft. RG-58/U coax cable and PL-259 connector.



HARADA UNIVERSAL AM/FM POWER ANTENNAS
MODEL XMQ-1 OUR PRICE **$24.95**

Semi-automatic power antanna with flush mount, 5-secion, 31"ext, 55"cable

MODEL XMX-1 OUR PRICE **$36.95**

Semi-automatic front fender mount, chrome plated, 5-section, 31"mast, 55"cable

MODEL XMX-2 OUR PRICE **$39.95**

Fully automatic front fander mount, chrome plated entenne, 4-section, 21"mast, detachabla 55" ceble.

EXTENSION CABLE
MODEL MCR-200 OUR PRICE **$19.95**

For reer mount add extenion cable.

HARADA AUTOMOBILE AM/FM/TV ANTENNA
MODEL ACC-08

OUR PRICE **$32.50**

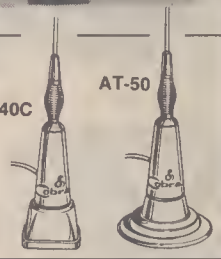
FEATURES
- Detachable mount, four section stainless steel mast.
- Extends 42". • No wind noise.
- Cable—72", with VHF/UHF splitters.
- Available in skin package.

COBRA LTD MOBILE ANTENNAS
Trunk/roof mount
MODEL AT-40C

OUR PRICE **$19.90**

MAGNETIC MOUNT
MODEL AT-50

OUR PRICE **$19.90**



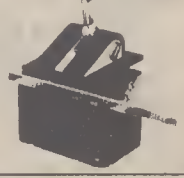
BP RUBBER MAGNETIC ANTENNA
MODEL CB-207 OUR PRICE **$16.95**

Megnatic mount, CB mobila rubber antanne for 27 MHz overall length: 6" cable. 12 ft. RG-58U-52ohm with PL-259

AVANTI MOON FANTOM
MODEL AV-240 OUR PRICE **$44.95**

A deluxe, super renge, glass mounted mobile antenna. Easy to install. Outstanding performance.

FEATURES
- ½-wava CB entenna design.
- Requiras no ground plena, works on matal or fiberglass vehicles.
- Convenient on-glass design lets you mount AV-240 on any vehicle with a windshiald, raar or sida windows — avan through fiberglass. Works great on vans, motorcycles, even apartment windows.
- Easy to instell. Mounts in minutes. No tcols needed.

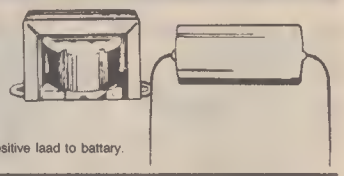


BP AUTO HOT LINE FILTER
MODEL AS-181

OUR PRICE **$2.75** each

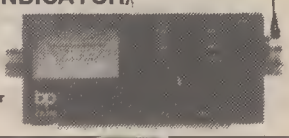
10 FOR **$25.00**

- For CB redios and tape pleyers.
- Eliminates or reduces ignition noise thru 'hot' wira or positive laad to battary.
- Complete with capacitor. • For trensistorized units only.



BP SWR/ANT FIELD STRENGTH INDICATOR/ RF POWER METER
MODEL CB-195 OUR PRICE **$19.95**

SPECIFICATIONS
SWR: 1:1 to 1:3. **RF Power:** 0.5—10W and 0.5—100W Switchabla. **Accuracy:** ±5%. Power: ±10%. **Impedance:** 52 Ω. **Meter Sensitivity:** 300μA. **Frequency Range:** 1.7 to 150MHz. **Antenna:** 1 section stainless steel ber.



BP OMNI-DIRECTIONAL POWER DYNAMIC MICROPHONE *WITHOUT PLUG*
Rotary Power Control Push-To-Talk Switch

MODEL CB-433 OUR PRICE **$12.95**

Frequency: 300-6,000Hz. **Impedance:** 1,000Ω to 10KΩ. **Sensitivity:** -45 dB.

COBRA 4 PIN MOBILE POWER MIC
MODEL CA-50

OUR PRICE **$17.95**

5 PIN MOBILE POWER MIC
MODEL CA-51 OUR PRICE **$17.95**

COBRA BASE POWER MIC
MODEL CA-61

OUR PRICE **$42.00**

BP REPLACEMENT MIKE CABLE
MODEL MC-80 OUR PRICE **$2.50**

Five conductors and ona shield. 10 fcot long coiled cord when extended Both ands ara stripped and tinned for easy replacement. •Oisplay package.

BP COAX JUMPER CABLES
MODEL CB-535

OUR PRICE **$1.95** each 10 FOR **$17.50**

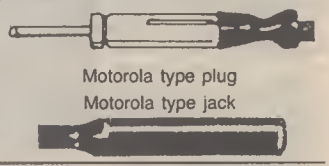
1-1/2 ft. coax jumper cable. RG-58U coaxial cable with iow loss, preassembles antenna connectors on aach and.

36" COAX JUMPER CABLES *With Connectors*

MODEL CB-536 OUR PRICE **$2.25** each 10 FOR **$20.00**

BP EXTENSION LEADS

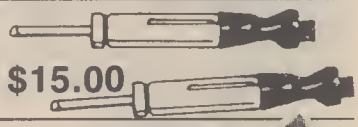
Model	Size	Our Prica
AE-12	12"	$1.50
AE-24	24"	1.75
AE-48	48"	2.00
AE-144	144"	2.50



BP SCANNER CABLE
MODEL AA-24 24"

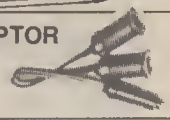
OUR PRICE **$1.75** each 10 FOR **$15.00**

- Motorola type plug (both ands).



BP DUAL INPUT AUTO ACCESSORY ADAPTOR
MODEL CB-497 OUR PRICE **$4.95**

Three conductors and one shield. 6 fcot long when extended. Both ends ara stripped and tinned for easy replacement.



BP AUTO ANTENNA 'Y' CONNECTOR
MODEL AS-150

OUR PRICE **$2.95** each 10 FOR **$25.00**

2 Motorole type lugs to 1 Motorole type jeck. Flexible 'Y' connector.

BP CIGARETTE PLUG
MODEL CB-252

OUR PRICE **99¢** each

10 FOR **$9.00** With wire leed.

CALL US MONDAY THRU FRIDAY 8:00 AM to 6:30 PM • SATURDAY 9:00 AM to 3:00 PM E.S.T.

FORDHAM
32 PIECE TOOL KIT
MODEL FTK-4

OUR PRICE $49.95

The FTK-4 ie an all purpose tool kit for the home or sutomobile. Tooie are displayed in s heevy duty blue case for easy access and tidy storage.

CONTENTS:
- 5—Socket pieces, 1/2", 10mm, 12mm, 13mm, 17mm, 19mm.
- 1—1/2" DR. Ratchet handle with rubber grip.
- 1—Spark plug socket 1/2" x 21mm.
- 1—Extension bar 1/2" x 5".
- 1—4-Wey cross wrench 5/8" x 15".
- 3—Screwdrivers, regular point.
- 3—Screwdrivers, phillips point.
- 1—Hammer 6 oz. • 1—Flexible light.
- 5—Combination wrenches 8-17mm.
- 1—Water pump plier 9-1/2".
- 1—Insuleted cutting plier 6".
- 1—Auto voltage tester. • 1—Insulated tape.
- 4—Hex key wrenches 4-8mm.
- 1—Measuring tape 3m/10 ft.

FORDHAM
69 PIECE TOOL KIT
MODEL FTK-5

OUR PRICE $39.95

Tools are displeyed in an eltractive black plastic case.

CONTENTS:
- 15 - Piece socket set 5/32" - 11/16".
- 1 - Flexible ratchet 10".
- 1 - Insuleted cutting plier 6".
- 1 - Adaptor.
- 1 - Spark plug socket 3/8" x 13/16".
- 1 - Spinner.
- 1 - Extension bar.
- 1 - Wster pump plier 9-1/2".
- 6 - Combination wrenches 3/8" - 11/16".
- 6 - Auto guages.
- 3 - Screwdrivers.
- 1 - Crimping tool 6".
- 1 - Insuleted tap.
- 25 - Terminale.
- 6 - Hex key wrenches 1/16" - 3/16".

AIR COMPRESSOR with WORKLIGHT PRESSURE GAUGE and FLASHING HAZARD LIGHT
MODEL AC-767

OUR PRICE $29.95

DESCRIPTION

Inflete tires, balls, boate, mattresses, etc., with this new Mini Compressor. It feetures: 12 ft. cord, with 12V lighter plug; 2.5 ft. air hose, with positive lock valve; two nozzle adaptors, on sports needle; emergency light, for repair; flash signal light, pressure gauge, and low power consumption. Power required: 12V, 10 amps.

WEN ORBITAL CAR WAXER
MODEL 10-W

OUR PRICE $69.95

DESCRIPTION

Get professional results with the Wen Orbital Car Waxer. Its random 3000 orbits per minute duplicetes your hand motion at high speed. Tapered wrap- around textured non-slip handle allows flush buffing. It includes: 2 terry cloth bonnete; applicetor bonnet, and luster buff bonnet. Apply wax evenly, remove oxidetion and buff and polish for a brilliant finish.

TRU-TEMP OUTSIDE AUTO THERMOMETER
MODEL 1198

OUR PRICE $27.50

DESCRIPTION

The Tru-Temp® Auto Thermometer accurately measures outside eir temperature making the driver eware of hazerdoue freezing or excessive heeting conditions. It's the first thermometer developed for mounting on the outside of e vehicle thet actually works.

It's made of rugged bi-metal construction, durable zinc houeing, tough ecrylic scale and lens. It's calibreted for e vehicle in motion with accuracy within 1°.

EXECUTIVE REFRIGERATOR *The Traveling Refrigerator*
MODEL 7070-E

OUR PRICE $79.95

DESCRIPTION

Keep food and drinks cold wherever you go with the Executive Refrigerator It's ideal for boating, RV travel, car trips, camping, picnics, and barbecues Simply plug it into the cigarette lighter plug of your car, boal, or mobile home It is also adaptable to household or office use with the use of an optional AC adaptor This amazing product can also be used as a warmer, storage for film, medical supplies and scientific materials which require warm and cool temperatures.

The case is made of high-impact polypropylene and has a 600 cu inch capacity It features a seamless aluminum liner, recessed beverage holders on top and a collapsible handle. Size: Interior 12"L x 6-1/2"H x 7-3/4"W. Exterior 14"L x 11-1/2"H x 9-3/4"W Weight 6 lbs Voltage 12V DC, or standerd 120V AC with adaptor Temperature Range. 25° to 170°F in 50°-75°F ambient temp. 9ft DC cord supplied

Optional AC Adaptor model VP-2002 . . . . . $29.95

HOMEDICS LUMBAR CUSHION
The Back Cushion For Back Pain Suffers

MODEL HLC-4

OUR PRICE $37.50

DESCRIPTION

The Homedics Lumber Cushion has been tested by doctors, therapists and patients and has been found to be safe and effective in treetment and prevention of neck and lower back pain. Wherever back pain suffers go, the Homedics Lumbar Cushion, lightweight, adjusteble, portable and dureble, goes where they go.

It's unique design incorporates a movable, horizontal lumbar roll that rides up or down in a vertical support system, thus permitting edapetation to virtually any beck and any seat. Exclusive velcro fittings make infinite posture adjustments possible. Once adjusted, the cushion maintains exact positioning es desired Size: 16"L x 13"W x 3"D. Colors: Blue or Grey.

FORDHAM ALL PURPOSE TOOL CASE
MODEL FTK-28

OUR PRICE $169.95

52 PIECE SOCKET SET

DESCRIPTION

This 92 piece all purpose tool case has e full range of assorted tools for use in the home or wherever you need them. It has two tool pallete with compartments behind each for storage. The handsome rugged carrying case keeps your tooie in order for easy and fast use.

This Kit contains: 1—5-1/4" long nose mini plier; 1—4-3/4" flat point mini plier; 1—4-1/2" diagonal mini plier; 7—piece screwdriver set (1-1/2"x 6mm ±2, 1-1/2" x 6mm ±2, 6"x6mm, 3"x5mm+, 3"x5mm-, 3"x3mm); 1—10" water pump plier; 1—2M/12FT measuring tape; 1—Utility knife; 1-(6 pc/set) hex key wrench; 3—nut drivers (1/2", 7/16", 3/8"); 1—tire gauge, 1—Crimping tool 6"; 1—7" fineman cutting plier; 1—6" long nose plier; 1—6"diagonal cutting plier; 1—plastic terpedo level; 1—long nose plier 6"; 1—6"angle wrench; 1—6" slip joint plier; 1—euto tester; 6 piece combination wrench sel (3/8", 7/16", 1/2", 9/16", 5/8", 11/16"); 1 bag (300cs) terminals; 1—3/8" Dr Universal joint. 1—7" plier; 1—16oz. clew hammer; 1—10" hand saw; 1—10" pry bar; 52 piece socket set. Size: 18½"W x 6"H x 13"D

SYLVANIA DRIVING LIGHT KIT *SEE FARTHER-DRIVE SAFER*
MODEL DLK-2

OUR PRICE $49.95 per pair

Light up the night with Sylvanie Quertz Halogen Driving Lights. Increase night driving vieion and saftey. They add invaluable reetion time between you and anything else barrelling down the road. A few extre seconds on the road can be e lifetime Double you light output of your halogen headlights.

Kit contains: 2 lights, 2 covers, 30 emp reley, illuminsted switch, 20 ft. of wire and all necessary herdware. Easy installetion Above or below bumper mounting.

Complete instructione included

CLEAR FOG LIGHT KIT
MODEL CFK-2 **OUR PRICE $49.95 per pair**

Cuts Thru Fog, Rain, Snow and Haze Kit has the same features as the DLK-2.

MIDLAND CB RADIOS

MIDLAND "READY RESCUE II" EMERGENCY 40 CHANNEL CB

True HI Power Walkie Talkie Fully Portable with Battery Pack included

MODEL
77-911A/18-911

OUR PRICE $69.95

DESCRIPTION
An ultra compact 40-channel transceiver comes with car lighter adaptor for use as an emergency Citizensband mobile. Comes with battery pack that clips onto bottom of 77-911A to convert it to full portable operation.

FEATURES
- 3/8" high L.E.D. channel readout.
- Channel 9 emergency button.
- Electronic up-down channel tuning switches.
- L.E.D. bar light for "S" and "RF" readings.
- Computer circuitry, volume, squelch and accessory jacks.
- Complete with cigarette lighter plug, flexible antenna, mobile magnetic antenna mount, cable, carrying case and battery pack (uses 8 alkaline "AA" batteries not included).
- 4 watts total power.
- 12-V DC neg. ground.
- Size: 2-3/4" x 6-7/8" x 13-3/8".

MIDLAND COMPACT 40 CHANNEL PORT-A-PAK MOBILE/PORTABLE TRANSCEIVER

MODEL 77-805

OUR PRICE $99.95

DESCRIPTION
Convertible from in-vehicle use to true portable use. center-loaded antenna for use in portable mode, new high power 8 "C" cell battery pack for up to 4 times battery life of previously used AA pen cells (batteries not included).

FEATURES
- On-demand lite switch for L.E.D. channel display
- Mobile mounting brackets with quick disconnect DC power cable.
- Lighted Bar-type S/RF power indicator.
- Portable carrying case with shoulder strap and mike clip.
- Transmit power: 4 watts switchable to 1.0 watts for longer batter life.
- 13.8 volt DC negative ground.
- Dimensions: (with case) 4-3/4" x 2-3/4" x 7", without case 4" x 1" x 6".

MIDLAND 40 CHANNEL MINIATURE MOBILE CB TRANSCEIVER

MODEL 77-104

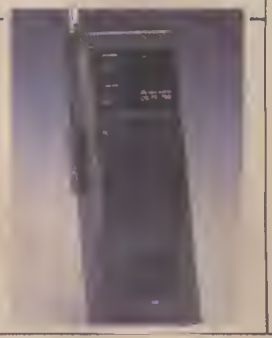
OUR PRICE $39.95

FEATURES
- Super-compact (4" x 1" x 6") and easy to install.
- Front loaded microphone.
- Built-in speaker.
- Bar-type L.E.D. signal strength/RF output meter.
- All-metal cabinet with quick release mounting bracket.
- External speaker jack.
- Illuminated L.E.D. channel indicator.
- 4 Watt output.
- 13.8 volt DC negative ground

MIDLAND 40 CHANNEL 5 WATT HAND-HELD CB

MODEL 75-790

OUR PRICE $96.95



DESCRIPTION
Midland's compact new 40-channel five-watt portable model 75-790 is the ultimate in hand-held performance with features usually found only in advanced mobile radios such as: instant channel 9; electronically synthesized (no crystal required); adjustable squelch and automatic noise limiter; separate LEDs for transmit and receive; analogue meter to measure received signal, transmit power and battery condition. Choice of power levels, one or five watts. Jack provided for recharging nicad batteries. Carrying case included. Size: 9½"H x 3"W x 3¾"D. Receiver sensitivity: 1µV for 10 dB (S + N)/N. Frequency control: Electronically synthesized, 40 channels.

MIDLAND 5-WATT, 3-CHANNEL CB HAND HELD WITH SWITCHABLE HI/LO POWER

MODEL 75-764B

OUR PRICE $59.95

FEATURES
- Operates on any 3 of the 40 CB channels: Channel 11 crystals installed, 2 channel positions open.
- Transmitter rated for nominal 5-watt input power operation with high level modulation-switchable to battery saver 2-watt low power.
- Superheterodyne receiver has tuned RF stage.
- Ceramic IF filter.
- Automatic gain control.
- Variable squelch.
- Pushbutton L.E.D. battery check light.
- Uses 12-V power from eight "AA" dry cells, ten ni-cad "AA" cells, or external sources (batteries not included).
- Jacks for external power, charges, microphone, complete with carrying case.
- Metal cabinet 8-3/4" x 3-1/4" x 2-1/8".

2-WATT, 3-CHANNEL LIGHTWEIGHT HAND HELD CB

MODEL 75-719B **OUR PRICE $39.95**

FEATURES
- Operates on any 3 of the 40 CB channels.
- Channel 11 crystals installed, 2 channel positions open.
- Full range variable squelch control to block out background noise.
- Transmitter rated for nominal 2-watt input power operation with high level modulation.
- Superheterodyne receiver has tuned RF stage. • Automatic gain control.
- Operates on Uses 12-V DC from eight "AA" size batteries (not included).
- Metal cabinet with chrome trimmed die-cast face plate end jacks for battery charger and earphone.
- Pushbutton L.E.D. battery check light. • Dimensions: 7-7/8" x 2-7/8" x 2-1/8".

MIDLAND "POWERMAX" OVER-THE-ROAD CB TRANSCEIVER

MODEL 77-250

OUR PRICE $119.95

DESCRIPTION
A specially designed over-the-road communication unit with a combination of user friendly features.

FEATURES
- A deluxe ETR tuning system with a new J-Fet front end for high sensitivity reception.
- ANL/NB and a Dynamic Noise Filter (DNF).
- Instant Channel 9 switch.
- Channel 19 memory.
- Bright/dim RF gain. • Mic gain.
- SWR system and more. • Dimensions: 7-1/4" x 7-1/4" x 2-1/4".

MIDLAND 40-CHANNEL MOBILE CB TRANSCEIVER

MODEL 77-149

OUR PRICE $79.00

FEATURES
- 40-Channel up/down scan tuning on microphone.
- Highest legal power output 4 watt.
- All-metal cabinet.
- Quick disconnect DC hook up.
- Green LED channel display.
- External speaker jack.
- S/RF LED Bar-type meter.
- Instant access to channel 9 emergency or highway channel 19 switch.
- Public Address PA/CB switch.
- TX indicator.
- Modulation indicator.
- ANL (Automatic Noise Limiter) switch.
- RF gain control for local or distant selection.
- Size: 5"W x 1-1/4"H x 6"D. • Receiver sensitivity: 0.8µV for 10 dB (S/N)/N.
- Power requirements: 13.8 VDC negative or positive ground.

DESCRIPTION
The 77-149 has NEW MIC-RO-TUNE channel selection system, for fingertip control of changing channels on top of the microphone. No fumbling for the controls. Choice of fast or slow speed. And of course, a large green digital channel readout on the radio.
And for much easier monitoring of your incoming signal strength or RF power output, the 77-149 offers a new "sliding scale," electronic bar graph S/RF meter. As signal strength increases, the meter moves sequentially through a multi-colored display bar to give you instant measurement at a glance. Other features on the 77-149 give you ultimate CB performance and operational ease.

COBRA HANDHELD SCANNERS

MODEL SR-10 **OUR PRICE $149.90**

The SR-10 ia en economical 10 chennel, crystal free, programmable hand-hald scanner. A two-digit liquid crystal display ahows both chennels baing scanned and also indicatas "Lockout" end "Weather" when features ere ectivated.

FEATURES

- 11 Bands: Four "Hem" bands, Federal end Military, lend mobile bands, all public service bands, and Nationel Weether Service band.
- 10 Chennels: Progrem into memory your favorite frequencies.
- Instant eccess to local Weather Service frequency.
- Review: Allows you to check frequency entered on each channel.
- Scan: Review frequencies that have been progremmed on all channels.
- Manuel: Direct eccess to wented channels or edvance one at a time.
- Built-in Delay: 3 sec. delay on ell channels for raplies then scanning resumea.
- Keyboerd Lock: Locks keyboard to prevent eny eccidental programming.
- Battery Low Indicator: Beep tone every 15 seconds for four minutes then elternately flashing "P" end "L" on the display.
- Memory Beck-up: Retaina frequencies entered for 30 minutes without battery

SPECIFICATIONS

Frequancy Ranga: 29.0-29.7MHz 10 meter Ham bend, 29.7-50.0MHz VHF low band, 50.0-54.0MHz 6 meter Hem band, 136-144MHz Military Land Mobile, 144-148 MHz 2 meter Hem band, 162.4-162.55MHz Weether band, 148-174MHz VHF high band, 406-420MHz Federal Government Mobile, 420-450MHz 70 cm Hem band, 450-470MHz UHF band, 470-512MHz UHF "T" band. **Size:** 2-5/8"W x 7"H x 1-3/8"D **Weight:** 10-1/2 oz. **Batteries:** 5AA standard batteries (not included) or optional rechargeable battery pack and AC edaptor. **Scanning Speed:** 10 chennela per sec. **Accessory supplied:** Belt clip.

MODEL SR-12 **OUR PRICE $218.90**

Tha SR-12 was designed for tha person who wants tha best in e hendheld scanner. This crystal free, 16 chennel progremmeble scanning receiver has e sealed rubbar keyboard end a chessis of extruded aluminum, giving you the durability needed in e handheld scanner. Also included a LCD display for viewing et night.

FEATURES

- 9 Bands: Two "Ham" bends, Federal and Military, lend mobile bands, ell Public Service bend end AM Aircraft band.
- 16 Chennel Memory. • Priority: Autometically switches to your favorite frequencies.
- Lockout: Skip channels you don't went. • Scan: Review programmed frequencies.
- Manual: Direct eccess to wented channels or edvance one at a time. • Automatic Search.
- Limit: Sets lower end upper frequency limits for eutomatic seerch. • Hold: Stops seerching ection.
- Selective Scan Deley: 3 sec. delay. • Battery Low Indicator. • Eerphone/External speaker jack: 3.5mm
- Keyboerd Lock: Locks keyboerd preventing accidental progamming. • Memory Beck-up.
- Antenne: "Rubbar Duckie" type with "BNC" type connector.

SPECIFICATIONS

Frequency Range: 30.0-50.0MHz VHF low radio, 118-135.975MHz Aircraft band, 136-144MHz Military lend mobile, 144-148MHz 2 metar Ham band, 148-174MHz VHF high band, 406-420MHz Fedaral Government mobile, 420-450MHz 70 cm Ham band, 450-470MHz UHF bend, 470-512MHz UHF band. **Size:** 3"W x 7"H x 1-3/8"D. **Weight:** 1 lb. 4 oz. **Batterias:** 6AA NI-CAD (included). **Scanning Speed:** 16 chennels per aec. **Accessories supplied:** Flexibla rubber antanna, AC adaptor/charger, eerphone,

COBRA CB BASE STATION

MODEL 90LTD

OUR PRICE $110.00

FEATURES

- Exclusive Cobre Dynamike Control.
- Oversized LED chennel diapley.
- Illumineted S/RF meter.
- Microphone connector.
- Instant Emergency channel 9.
- Dynamic Microphone.
- CB/PA switch.
- Noise blenker/off switch.
- Automatic noise limiter/off switch.
- LED transmit indicator.
- Antenna connector.
- P.A. speaker jack.
- External speaker jack.
- Size: 9-5/8"L x 9-1/4"W x 3-3/4"H. • Built-in speaker. • LED chennal display. • Channel selector.
- Power on/off switch. • R.F. gein control. • Dynemike control. • Squelch control. • Volume Control.

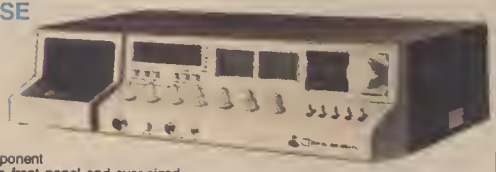
COBRA SSB BASE

MODEL 2000GTL

REG. $599.95

OUR PRICE

$399.95



Here's e precision AM/SSB base station with ettrective component styling. From its sleek eluminum front penel end over-sized dual meters, to its built-in 6-digit frequency counter, tha 2000GTL ie e real baeuty, featuring: Volume, ON/OFF control, Squelch, coarse and fine Voice Lock, DynaMike Plus, RF gain, SWR, CAL control, tone control, Noise Blenker, Noise Limiter, mode control (LSB/AM/USB), LED chennel display end mora. Size: 15"W x 5-3/4"H x 13-3/8"D.

COBRA SSB BASE

MODEL 142GTL

REG. $299.95

OUR PRICE

$219.95

This precision AM/SSB base is designed for the budget minded CB operator who demends tha quality he can depend on, et e price he can efford. It features: ON/OFF volume control, Squelch, RF gain, DyneMike, SWR CAL control, Voice Lock, LSB/AM/USB switch, switchabla noise limiting end noise blenking. CB/PA switch, plua many more feeturea. Size: 5"H x 13-1/2"W x 13"D.

COBRA COMMAND CALL WALKIE TALKIE VOICE ACTIVATED (VOX) or PUSH-to-TALK

MODEL HC-200

OUR PRICE $32.50 each

FEATURES

- Power Source: 9 VDC. • Modulation: FM.
- Frequency Renge: 49.830-49.890 mHz.
- Receiving System: FM duel conversion super heterodyne.
- Sensitivity: 0.5 μV min. (20 dB quieting).
- Adjustable heedphone with boom mike and entenna.
- Voice ectivated (VOX) transmitter.
- Removable spring loaded balt clip. • Power: 100mW input

DESCRIPTION

The easiest wey to keep in touch with hends free 2-way communication. The range of 1/4 to 1/2 mile will give unlimited industrial/commercial and recraationel uses...construction, surveying, security, back packing, fishing, end meny mora.

COBRA SSB MOBILE

MODEL 148GTL

REG. $269.95

OUR PRICE

$179.95

The 148GTL is e no compromise, precision AM/SSB mobile unit for the discrimineting citizen's band operator who demends maximum performence. Features: DyneMike, Volume, ON/OFF control, Squelch, RF gain, SWR CAL control, Voice Lock, S/RF/CAL/SWR switch, LSB/AM/USB mode switch, switchable eutomatic noise limiting end noise blenking, CB/PA switch, HI/LOW tone switch, meter and LED brightness control, channel selector, LED display, receive end transmit indicator, illumineted S/RF/SWR meter, PA and external speeker outputs, maximum legal power plua plug-in mike end brackets. Size: 2-3/8"H x 7-7/8"W x 9-1/4"D.

COBRA SSB MOBILE

MODEL 146GTL

REG. $249.95

OUR PRICE

$169.95

Thie ia for the velue-minded AM/SSB mobile user. The 146GTL is for tha citizen'a band operator who appreciates quality and performence ha can count on. Volume, ON/OFF control, Squalch, RF gain, Voice Lock, LSB/AM/USB mode switch, switcheble eutomatic noise limiting and noise blanking, CB/PA switch, channal selector, LED diapley, recalve and trensmit indicator, illumineted S/RF meter, PA and external speaker outputs, and more. Size: 2-5/16" H x 7-5/16"W x 9-1/16"D.

REGENCY 55 CHANNEL HAND HELD SCANNER

Keyboard Programmable

MODEL HX-1500

OUR PRICE $249.95

DESCRIPTION

The HX-1500 scanner lets you keep in touch with the ection while you'ra on the go.

FEATURES

- 10-Bend coverege including eircraft.
- 4-Independently programmable scan banks.
- Search or Scan. • Squelch control.
- Priority control. • Flexible entenne.
- Auxilliery acan control. • No crystal required.
- On/Off volume. • LCD.
- Display Messages. • Direct Access.
- Keyboerd lock switch.
- Sealed rubbar keyboard.
- Permanent memory, needa no batteries.
- Rugged die-cast aluminum chassis.
- **Optional Accassories:**
  - Model MA-553 Case $14.95
  - Model MA-518 Adaptor $14.95

COBRA HANDHELD 100 CHANNEL 11 BAND SCANNER

MODEL SR-15

OUR PRICE $225.00

FEATURES

- 11 Bands: Military Land Mobile, Fed. Government Land Mobile, UHF, UHF "T", VHF Low end High bande, 2 Meter Ameteur, 6 Meter Ameteur, 10 Metar Ametaur, 70 cm Amateur, Aircraft.
- 100 Channels. • Direct channel access.
- Menual search. • Chennel scan.
- 5 selectable bank scanning.
- Lockout. • Priority. • Autometic seerch.
- Limit. • Hold. • Keyboard lock.
- Selectable deley. • Low battary indicator.
- Power Requiremants: AC/DC.
- Size: 2-3/4"W x 6"H x 1"D.
- Weight: 10-1/4 oz. • F.C.C. Certified.

COBRA CB RADIOS

COBRA 40 CHANNEL 18 PLUS CB RADIO

MODEL 18-PLUS

OUR PRICE $59.95

FREE Magnetic Mount Antenna with Purchase of the 18-PLUS

FEATURES

- Power On/Off volume control.
- Instant Channel "9": Immediate access to emergency channel 9.
- Public Address Pushbutton: Turns CB into a 4 Watt P.A. system when used in conjunction with a P.A. speaker.
- LED Bar Graph Signal Strength Meter: 5-segment, 3-color staircase type. Changes color from green to yellow to red as strength increases.
- Separate Transmit/Receive Indicators. LED indication of the mode of operation. Red "TX" for transmit, green "RX" for receive. • Large LED channel display for greater readability
- Squelch Control: Eliminates background noise in the absense of an incoming signal.
- Front Panel Microphone Connector: Five pin "DIN" locking type allows easy removal of microphone. • Size: 5-7/8"W x 1-3/4"H x 6-1/16"D. • Wght 3 lbs 4 oz.
- Electronic Tuning: A simple push of the up or down pushbutton advances the channel change, enabiling a complete 40 chennel scan in 6 seconds. As each chennel change occurs, a volume controlled audible beeptone is emitted through the speaker. In addition there's the "Channel Saver", a three laad power connection for memory retention of last channel used.
- Automatic Noise Limitar: Non-switchable, is always "On" reduces background noise.

COBRA 40 CHANNEL 19 PLUS CB RADIO

MODEL 19-PLUS

OUR PRICE $39.95

SPECIAL!

FEATURES

- Instant Chennel "9": Immediete eccess to emergency channel 9.
- Power On/Off volume control.
- CP/PA Switch: One switch sllows selection of CB operation or public addresss. In "P.A." mode, displey indicates "PA.
- LED Bar Grapt- Signal Strength Meter: 5-segment, 3-color staircase type Changes color from green to yellow to red as strength increases.
- Transmit indicator: Red LED Indicates "TX" for transmit mode • Large LED channel display
- Squelch Control: Eliminetee background noise in the absense of an incoming signal.
- Front Panel Microphone Connector Five pin "DIN" locking type allows easy removal of microphone • Size: 4-9/16"W x 1-3/4"H x 6-5/8"D. • Wght 3 lbs. 4 oz
- Electronic Tuning: A simple push of the up or down pushbutton sdvances the channel change, enabiling e complete 40 channel scan in 6 seconds As each channel change occurs, a volume controlled audible beeptone is emitted through the speaker

COBRA 40 CHANNEL 21 PLUS CB RADIO

MODEL 21-PLUS

OUR PRICE $89.90

FEATURES

- Instant Channel "9": Immediate access to emergency channel 9
- Power On/Off volume control.
- Public Address Pushbutton: Turns CB into a 4 Watt P.A. system when used in conjunction with a P.A. speaker.
- LED Bar Graph Signal Strength Meter 5-segment, 3-color staircase type. Changes color from green to yellow to red as strength increases.
- Separate Transmit/Receive Indicators: LED indication of the mode of operation Red "TX" for transmit, green "RX" for receive.
- Squelch Control Eliminates background noise in the absense of an incoming signal.
- Front Panel Microphone Connector: Four pin, miniature screw-on type allows easy removal of microphone. • Large LED channel display for greater readability
- Electronic Tuning: A simple push of the up or down pushbutton advancas the channel change, enabiling a complete 40 channel scan in 6 seconds. As each channel change occurs, a volume controlled audible beeptone is emitted through the speaker In addition there's the "Channel Saver", a three lead power connection for memory retention of last channel used
- Exclusive Cobra Dynamike Control. Allows user to deliver 100% modulation at all speaking levels. • Size 6-1/4"W x 2-1/8"H x 8-5/8"D • Wght 3 lbs 14 oz
- Automatic Noise Limiter: Non-switchable, is always "On" reducas background noise

COBRA S.O.S. EMERGENCY 40 CHANNEL CB RADIO

With Full 4 Watt Transmit Power (Maximum FCC Allowable)

MODEL 39-PLUS

OUR PRICE

$59.95

- Storage Case.
- CB Radio Hanger.
- Range (Squelch) Control Eliminates background noise in the absence of an incoming signal.
- Range Window Visual reference when setting squelch level.
- Instant Emergency Channel 9
- Electronic Tuning Buttons Up or down pushbutton change channels quickly Scan 40 channels in 6 seconds
- Large easy to read channel display • Microphone Built-in electret condenser type
- Volume Control Window. Visual reference when setting volume level, also on/off volume control.
- Press To Talk Bar/Release To Listen Easy for right or left hand use
- Frequency Range 26.965 to 27405 MHz • Power Output 4 watts (max FCC allowable)
- Size: 7"L x 2-5/8"W x 1-3/8"D Weight 12 oz unit

COBRA 40 CHANNEL 25 PLUS CB RADIO

MODEL 25-PLUS

OUR PRICE $99.95

FEATURES

- Instant Channel "9": Immediate access to emergency channel 9
- Power On/Off volume control.
- Public Address Pushbutton Turns CB into a 4 Watt P.A. system when used in conjunction with a P.A. speaker.
- LED Bar Graph Signal Strength Meter: 5-segment, 3-color staircase type Changes color from green to yellow to red as strength increases.
- Separate Transmit/Receive Indicators: LED indication of the mode of operation. Red "TX" for trensmit, green "RX" for receive. • Large LED channel display for greater readability
- Squelch Control. Eliminates background noise in the absense of an incoming signal.
- Front Panel Microphone Connector: 4-pin, miniature screw-on type for easy microphone removal.
- Electronic Tuning: A simple push of the up or down pushbutton advances the channel change, enabiling a complete 40 channel scan in 6 seconds As each channel change occurs, a volume controlled audible beeptone is emitted through the speaker. In addition there's the "Channel Saver", a three lead power connection for memory retention of last channel used.
- Exclusive Dynamike Control: Allows user to deliver 100% modulation at all speaking levels.
- Noise Blanker Pushbutton Reduces engine and electrical interference
- RF Gain Control: Adjust receiver sensitivity to match incoming signal. Allows you to decrease or increase sensitivity lor strong or signels.
- Automatic Noise Limiter: Non-switchable, is elways "On" reduces background noise.
- Size. 6-1/4"W x 2-1/8"H x 8-5/8"D • Wght 3 lbs. 10 oz.

COBRA AM CB RADIO

MODEL 29-PLUS

REG. $174.95

OUR PRICE

$119.95

"The Truckers Choice" with an instant emergen cy channel 9 switch — it's the industry standard. Cobra's 29-Plus reflects the latest advances in CB technology to deliver maximum power output, 100% modulation and line receiver sensitivity. The 29-Plus features: SWR bridge end antenna warning indicator, switchable automatic noise limiting/noise blanking to suppress ignition and ex ternal electrical interference. DynaMike modulation control delivers 100 per cent modulation at all speaking levels, RF gain control to adjust receiver sensitivity to match you needs, Delta Tune and illuminated S/RF SWR meter with dimmer Size 7-1/4"W x 2-1/4"H x 8-3/4"D. Wght. 4 lbs. 10 oz.

COBRA 40 CHANNEL 31 PLUS CB RADIO *with WEATHER BANDS*

MODEL 31-PLUS

OUR PRICE

$149.95

FEATURES

- NOAA Weather Radio Broadcasts. Receive the latest weather and highway information 24 hours a day Choose the Weather Radio Station that is active in your loca tion. ..up to 50 mile range.
- Automatic Noise Limiter and Noise Blanker Pushbutton.
- Local/Distance Button: Adjusts receiver sensitivity to match incoming signal
- Public Address Pushbutton: Turns CB into a 7 watt P.A. system when used with a P.A. Speaker.
- Dimmer Pushbutton Selects the brightness of the multi-function meter and channel display
- Instant Channel 9 Pushbutton. • Squelch Control. • Large LED channel display.
- LED Function Indicators Provides a visual indication of meter selector position.
- LED Bar Graph Signal Strength Meter: 7 segments, 3 colors. changes color as strength increases.
- Separate Transmit/Receive Indicator • Power and Volume Control
- Antenna Warning Indicator: A red LED showing "ANT" indicates trouble in antenna system.
- Electronic Tuning: Up or down button advances channels, enabling a 40 channel scan in 6 sec.
- Meter Function Selector: Selects for S/RF, modulation, calibration, and SWR measurements.
- SWR Calibrate Control: Allows you to check you antenna system for best performance
- 6 Instant Access Preset Channel Buttons • Slide Mounting Bracket for many positions.
- FCC All transmitter and receiver specifications required by the FCC have been met or exceeded.
- Size: 7-1/4"W x 2-1/4"H x 8-3/4"D. • Weigth 4 lbs. 10 oz.

COBRA 40 CHANNEL Remote CB RADIO

All Controls Are On The Easy To Use Dynamic Microphone

MODEL 67LTD

REG. $199.95

OUR PRICE $119.00

DESCRIPTION

Our newest hide-away mobile CB The 67LTD remote mounts easily under the seat, on the firewall or in the trunk of your car, since it's only 1-5/8"(H) x 4-3/4"(W) x 6-1/2"(D). The easy-to-use remote control dynamic microphone has all the controls right at your linger-tips for Loud & Clear transmission. LED transmit/receive indicator, digital LED channel display, on/off and volume control, channel selector, instant emergency channel 9 switch, push-to-talk bar, RF gain control, switchable ANL and so much more. The 67LTD comes complete with all the necessary brackets and hardware. Wght 3 lbs.

CALL US MONDAY THRU FRIDAY 8:00 AM to 6:30 PM • SATURDAY 9:00 AM to 3:00 PM E.S.T.

COBRA SUPER HETERODYNE TRAPSHOOTER™ RADAR DETECTOR SERIES

Featuring: Dual Band, Super Heterodyne, Super Sensitivity, Alarm-Audio, Visual & "Lockout"

PERFECT FOR ANY VEHICLE: CARS, TRUCKS, MOTORCYCLES.

TRAPSHOOTER RADAR DETECTOR

MODEL RD-2100 OUR PRICE $65.00 SPECIAL!

The RD-2100 Trapshooter is a compact, low cost superheterodyne Radar Detector equipped with Cobra's exclusive "No False" circuitry, which screens out false alarms from "Dirty radiating type radar detectors.

FEATURES

- Highway/city switch. • Green LED power indicator. • Audible alarm.
- Alarm Signal Indicator: flashing red LED. • Audible alarm delay. • "No False" circuitry.
- Comes with: adjustable removable Dash/Visor mounting bracket, detachable 9 ft. DC fused power cord with spare fuse, power cord retaining clips, Velcro fasteners for dash mount.
- Sensitivity: "X" Band-112 dBm. "K" Band-110 dBm.
- Size: 3-1/8"W x 1-1/4"H x 4-1/8"D. Wght: 10 oz.

NEW! TRAPSHOOTER RADAR DETECTOR

So Tiny Yet Sensitive and Accurate

MODEL RD-3120 OUR PRICE $119.95 SPECIAL!

FEATURES

- Test/Mute Button: Tests that the Cobar Trapshooter is working properly when no radar signal is present. Lets you adjust the volume or silance tha audible alarm when in the field ot a constant radar signal.
- Tone Alarm. • "Dim" Switch. • Highway/City Switch. • Alarm Signal Indicator.
- Responds to "X" & "K" band speed radar freqencies. • Extended "K" Range.
- "NO FALSE and "LOCKOUT": "No False" eliminates false alarts from "Dirty" radiating type radar detector. "Lockout" reduces false alarts from out-of-band signals emanating from microwave devices such as microwave transmission links. This assures accurate radar detection of true police signals.
- Automatic System Test. • Signal Strength Meter. • Power On/Off volume control.
- Easy Installation...just plug power cable into cigarette lighter.
- Accessories included: Adjustable dash/visor mounting bracket, Detachable 9' straight power cord with cigarette lighter plug, Velcro pad for dash mounting, 10 self-adhesive power cord retaining clips.
- Small and compact...only 2-3/4"W x 1/4" · 3/4"H x 3-7/8"D. Weight: 5 oz.

TRAPSHOOTER MICRO RADAR DETECTOR

Excellent Rating From Car and Driver

MODEL RD-3160

REG. $219.95 OUR PRICE $129.95 SPECIAL!

FEATURES

- "X" & "K" Band Indicators: LED lights to show it the signal is in the "X" band or "K" band.
- Photoelectric Sensor: Automatically adjusts brightness level of control panel for day/night driving.
- Signal Strength Meter: 5 segment LED meter indicates relative strength of signal being received
- Alert Mode Selector: A three position switch allows the user to select the type of alert. "Audio" only, "Light" only or a combination of both.
- Highway/City Switch: In the city position, additional screening of interference in urban areas takes place with minimal reduction of sensitivity.
- "NO FALSE" and "LOCKOUT" features. • On/Off volume control. • Power on indicator.
- Size: 4-1/4"D x 2-3/4"W x 3/4"H. Weight: 8 oz.
- Audible Alarm: Two different alarm tones are used to indicate the band of radar signal received. Repetition rate of audible alarm increases with incoming signal strength. The closer the detector gets to the radar source, the faster the audible alarms sounds.
- Power: 11.0-1—18.0 volts DC negative ground only.
- Sensitivity: "X" Band-114 dBm/cm². "K" Band-104 dBm/cm².

NEW! TRAPSHOOTER *ULTRA* RADAR DETECTOR

SELECTABLE ALARMS: VOICE, MELODY OR BEEP

MODEL RD-3170 OUR PRICE $169.95 SPECIAL!

FEATURES Three Selectable Alarms:

- Voice alarm tells you, "Be careful, slow down.", Melody Alarm sounds a musical warning, Beep Alarm sounds a "beep" for "X" band or a "brap" for "K" band.
- Signal Strength Meter: 5 segment color coded LEDs change from green to red.
- Alarm Signal Indicator: Amber warning light flashes when signals are detected. • Aluminum Case.
- "DIM" Switch: To adjust brightness of visual alarms for day or night driving. • Highway/City Filter Switch.
- Test/Mute Button: Tests that the Trapshooter ULTRA is working properly when no radar signal is present. Lets you adjust volume of audio alarms or silance the audio alarm.
- "X" and "K" Band Indicators: LED lights show if signal is in the "X or K" band.
- Dual Speakers: One on each side of the detector assures adequate volume level.
- "No-False" eliminates false alerts from dirty radar signals from other radar detectors.
- "Lock-out" reduces false alerts from out-of-band signals emanating from microwave devices.
- "Signal Sensor" operates only in the city mode and filter out signals generated by intrusion alarms, door openers, etc.
- Sensitivity: X band: —117dBm/cm² (typical), K band: —115dBm/cm² (typical).
- Power: 13.8 volts DC @ 250mA. Neg. ground only. •Size: 2-3/4"W x 1/4-3/4"H x 4-1/4"D. • Weight: 7 oz.
- Accessories supplied: Adjustable dash visor mounting bracket, suction cup type windshield mounting bracket, 8 ft. detachable curly power cord with cigaretta lighter plug and 9 ft. straight power cord, leatherette carrying case.

TRAPSHOOTER Pro II RADAR DETECTOR

SIGNAL SENSOR! LOCKOUT! & NO FALSE!

MODEL RD-4100 OUR PRICE $119.95 SPECIAL!

EXCLUSIVE SIGNAL SENSOR Reduces annoying false alarms. This means fewer false alerts from low level transistory in-band signals. Signal Sensor operates in the city mode only where you are likely to come in contact with in-band interference from microwave intrusion alarms and microwave door openers.

The RD-4100 incorporates two additional features to further reduce false alerting:

- NO FALSE circuitry eliminates false. larma caused by poorly designed or dirty radar detectors.
- LOCKOUT circuitry raduces false alarms from out-of-band radar sources such as microwave and satellite links, and fast food microwave ovens.

Both features are in operation 100% of the time regardless of the highway/city mode switch position.

FEATURES

- Responds to X and K band Speed radar frequencies. The only one approved by the FCC.
- Cobra's Exclusive SIGNAL SENSOR circuity reduces Falsing...signals generated by microwave phone relays, intrusion devices, etc.
- Detachable clip for Visor mounting. • Small and compact., only 5-1/4"W x 1-5/8"H x 5"D.
- Power: 11.0-16.0 Volts DC. • City/Highway selector.

TRAPSHOOTER Pro II REMOTE RADAR DETECTOR

SIGNAL SENSOR! LOCKOUT! & NO FALSE!

MODEL RD-5100 OUR PRICE $179.95

FEATURES Same As The RD-4100 plus:

- Small and compact control head...only 3-1/8"W x 1"H x 3"D. Weight: 7 oz. Detector Portion: 4-3/8"W x 5-3/4"H x 1-1/2"D. Wght: 1 lb. 6 oz.
- On/Off control. • Volume control. • Highway/City selector switch. • Control Head "DISGUISE" Cover.
- Power: 13.8 volts DC @300mA full alarm (nominal), 190mA. no signal (nominal).
- Sensitivity: X-Band -115 dBm/cm² (typ.), K-Band -112 dBm/cm² (typ.).

AUDIOVOX AUTO STEREOS

AUDIOVOX AM/FM/MPX RADIO with STEREO CASSETTE PLAYER

MODEL AVX-3000 **OUR PRICE $39.50**

FEATURES
- Slide-load cassette mechaniam. • Stereo balance control.
- Locking fast-forward and eject control. • FM local-distant reception switch.
- Pushbutton band selection. • 14 watts maximum stereo power.
- Automatic tape-radio changeover circuit. • FM stereo light.
- Adjustabla shafts. • Dimansions: 7"W x 2"H x 5"D.

AUDIOVOX AM/FM/MPX STEREO with AUTO-REVERSE CASSETTE PLAYER

MODEL AVX-3050 **OUR PRICE $69.50**

FEATURES
- Auto-reverse cassette player with locking fast-forward.
- Cassetta program selector with LED indicator lights.
- Pushbutton band selector. • FM local-distant reception switch.
- Stereo balance control. • LED stereo indicator.
- 14 watts maximum output power. • Adjustabla shafts.
- Dimansiona: 7"W x 2"H x 5"D.

AUDIOVOX AM/FM/MPX RADIO with STEREO CASSETTE PLAYER and QUARTZ CLOCK

Electronically Tuned

MODEL AVX-932 **OUR PRICE $79.00**

FEATURES
- Function knoba ara back-lit for easy night-time use.
- 12-station (6 AM / 6 FM) electronic memory with individual puahbuttons.
- Automatic SEEK tuning with local/distant senaitivity switch.
- Frequancy, tima and functiona diaplayed o back-lit LCD panel.
- Locking fast-forward and cassetta eject control.
- Full-range tone and stereo balance controls. • Diaplay priority switching.
- 10 watt maximum output power. • Size: 7"W x 2"H x 5-1/8"D.

AUDIOVOX AM/FM/MPX RADIO with AUTO-REVERSE CASSETTE PLAYER and QUARTZ CLOCK

Electronically Tuned

MODEL AVX-934 **OUR PRICE $109.00**

FEATURES
- Bright LED display of frequancy and tima.
- 12-station (6 AM / 6 FM) alectronic mamory with individual puahbuttona.
- Automatic SEEK tuning with local/distant senaitivity switch.
- Auto-reverse cassette player with lockina fast-forward and rewind controla.
- Manual program selector and LED tape direction indicators.
- Full-range tone and stereo balance controls.
- 14 watt maximum output power. • Size: 7"W x 2"H x 5"D.

AUDIOVOX 7-BAND GRAPHIC EQUALIZER/AMPLIFIER with LED POWER METER

MODEL AMP-760 **OUR PRICE $32.50**

FEATURES
- Five segment multi-color LED power display.
- Built-in front/rear fadar control.
- Power on/off switch with indicator LED.
- Can be used with all standard common-ground sound systems.
- 50-20,000 Hz response. • 40 watt maximum output power. • Size: 1"H x 6"W x 3-3/4"D.

AUDIOVOX 7-BAND 50 WATT GRAPHIC EQUALIZER with DUAL POWER METERS

MODEL AMP-785 **OUR PRICE $49.50**

FEATURES
- Switchable sensitivity dual 5 segment LED power meters.
- 7-band graphic equalizer. • LED indicator alide controla.
- By-pass salector. • Built-in fadar.
- Can ba used with any systam including floating-ground and bridged types.
- 20-30,000 Hz response. • Siza: 7"W x 5"D x 2"H.

AUDIOVOX 130 WATT HI-FI POWER AMPLIFIER

MODEL AMP-535 **OUR PRICE $69.50**

FEATURES
- High and low-leval input capabilities.
- Remota on/off switching. • Power indicator LED.
- Compatible with common and floating ground stareos.
- Low voltaga indicator. • Adjustable sensitivity low-level RCA inputs.
- Quick-connect spring-loaded input and output tarminals.
- Tharmal and overload protected output staga. • Designed for under-seat or trunk mounting.
- Massiva haat-sinks for efficient heat transfar. • Siza:

FORDHAM RADIO • 260 MOTOR PARKWAY • HAUPPAUGE • NEW YORK 11788

AUDIOVOX FLAT-FACE AM/FM/MPX RADIO with STEREO CASSETTE PLAYER and QUARTZ CLOCK *Electronically Tuned*

MODEL AVX-205 **OUR PRICE $120.00**

FEATURES
- High style flat-face design.
- Back-lit LCD panel for display of frequency, time and functions.
- 12-station electronic memory (6 AM / 6 FM).
- Automatic SEEK tuning with local/distant sensitivity switch.
- Locking fast-forward end cassette eject control.
- Back-lit switches end knobs for eesy night-time use.
- Full-range tone end stereo belence controls.
- Displey priority switching. • FM mono/stereo switch.
- 10 watt maximum output power. • Size: 7"W x 2"H x 5-1/2"D.

AUDIOVOX FLAT-FACE AM/FM/MPX RADIO with AUTO-REVERSE CASSETTE PLAYER 5-BAND GRAPHIC EQUALIZER AND QUARTZ CLOCK *Electronically Tuned*

MODEL AVX-210 **OUR PRICE $189.00**

FEATURES
- High style flat-face design. • Automatic SEEK and SCAN tuning.
- Auto-reverse cassette player. • Locking fast-forward and rewind control.
- 12-station electronic memory (6 AM, 6 FM).
- Back-lit LCD penel for display of frequency, time, functions.
- Display priority switching for frequency or time readout.
- 4-way balance controls. • Built-in 40 watt power emplifier.
- Built-in 5-band graphic equalizer for precise tonal adjustment.
- DNR® system for reduced noise on tepa and redio. • Size: 7"W x 2"H x 5-1/2"D.

AUDIOVOX "THEFT PREVENTION" REMOVABLE CHASSIS SYSTEM

MODEL AVX-210BR **OUR PRICE $249.00**

FEATURES
- Same features as the AVX-210 plus:
- Slide-out bracket which allows the owner to remove unit from car for safe keeping
- Front panel handle provides for easy removal & carrying.
- The chassis includes a memory circuit with back-up battery to maintain pre-set stations end clock time.

AUDIOVOX AM/FM/MPX RADIO with CASSETTE PLAYER 5-BAND GRAPHIC EQUALIZER and QUARTZ CLOCK

MODEL AVX-987 **OUR PRICE $149.00**

FEATURES
- Synthesized electronic-tuning with single button 12-station memory (6 AM / 6 FM).
- Back-lit LCD panel displays frequency, time and functions.
- Automatic SEEK tuning with local/distant sensitivity switch.
- 5-Band graphic equalizer for precise tonal adjustment.
- Locking fast-forward and eject control.
- Displey priority switching. • 4-way balance controls.
- Built-in 40 watt power amplifier. • Size: 6-1/4"W x 2"H x 5-1/8"D.

AUDIOVOX AM/FM/MPX RADIO with AUTO-REVERSE CASSETTE PLAYER 5-BAND GRAPHIC EQUALIZER and QUARTZ CLOCK *Electronically Tuned*

MODEL AVX-989 **OUR PRICE $179.00**

FEATURES
- Built-in 5-Band Graphic Equalizer for precise tonal adjustment.
- Synthesized electronic-tuning with 12-station memory (6 AM, 6 FM).
- Automatic SEEK and SCAN tuning.
- Auto-Reverse cessette deck with locking fast-forward.
- Back-lit LCD penel for display of frequency, time and functions.
- 4-way balance controls. • Display priority switching.
- Built-in 40 watt amplifier. • Size: 6-1/4"W x 2"H x 5-1/8"D.

AUDIOVOX 7-BAND 200 WATT COMPUTER-CONTROLLED EQUALIZER/AMPLIFIER with SPECTRUM ANALYZER and MEMORY

MODEL AMP-792 **OUR PRICE $99.00**

FEATURES
- 49-LED display matyrix graphically illustrates equalizer settings or spectrum analysis of program material
- 4 memory settings allow instant recall of equalization curves.
- Built-in volume and fader slide controls.
- Soft-touch back-lit electronic up/down switches adjust 7-bands of equalization.
- Selectable spectrum or equalization curve display.
- Low-level (RCA) and high-level (floating-ground compatible) inputs.
- 4-channel (50 watts x4) power amplifier. • Size: 1-3/4"H x 6"W x 6-1/2"D.

TELEPHONE ACCESSORIES

(A) Modular Telephone Adaptor Plug
MODEL TA-1300
OUR PRICE $1.49 each 10 FOR $10.00
Modular telephone adaptor plug. Converts 4-pin phone jack to accept modular connector. Ivory plastic body.

(B) Modular Telephone Junction Box
MODEL TA-1301
OUR PRICE $1.99 each 10 FOR $15.00
Converts standard junction box to modular system without soldering. Spade lug connections and single screw mounting.

(C) Modular Telephone Jack
MODEL TA-1302
OUR PRICE $1.95 each 10 FOR $15.00
Modular surface jack takes the place of old connecting block. Station wires connect terminals. Cover snaps on. Two mounting screws attached on solderless. "Quick Connect" terminals easily without stripping.

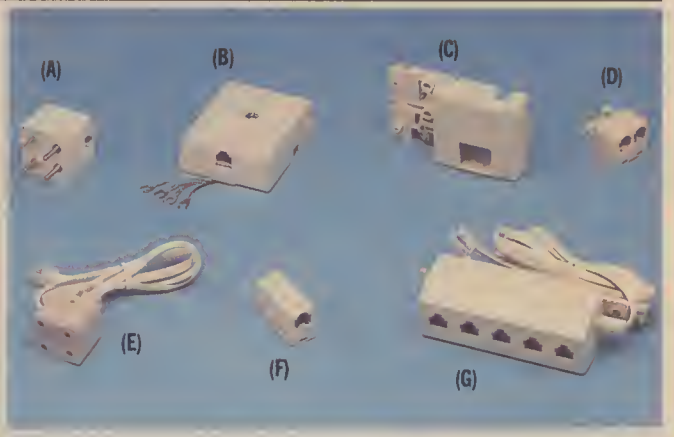
4-Prong Portable Telephone Plug (Not Shown)
MODEL TP-20
OUR PRICE 79¢ each 10 FOR $6.00
Standard 4-prong telephone plug for indoor or outdoor use. Molded ivory plastic. Instructions included. Peg pkg.

(D) Modular Phone Coupler
MODEL TA-1305
OUR PRICE $1.99 each 10 FOR $15.00
Allows two telephones to be plugged into a single modular jack.

(E) Modular Telephone Cables with 4 Prong Jack
MODEL TA-1317 2 ft. OUR PRICE $1.95
MODEL TA-1319 25 ft. OUR PRICE $3.95
Connects standard 4 prong telephone plug to modular telephone jack.

(F) In Line Coupler
MODEL TA-1320
OUR PRICE $1.75 each 10 FOR $12.50
Back to back modular jack to connect 2 modular base cords.

(G) Five Line Jack Adaptor
MODEL TA-1345 OUR PRICE $9.95
Five modular jacks on one end and one modular plug on the other end. Allows addition of up to five extension telephones or telephone related devices, (answering systems, recording devices, etc.) The modular plug allows direct connection to any current modular interface or an existing modular jack without use of tools.



(H) Modular Surface Jack Assembly
MODEL TA-1303
OUR PRICE $1.75 each 10 FOR $15.00
Perfect for new installations. Use to relocate telephones with additional extensions.

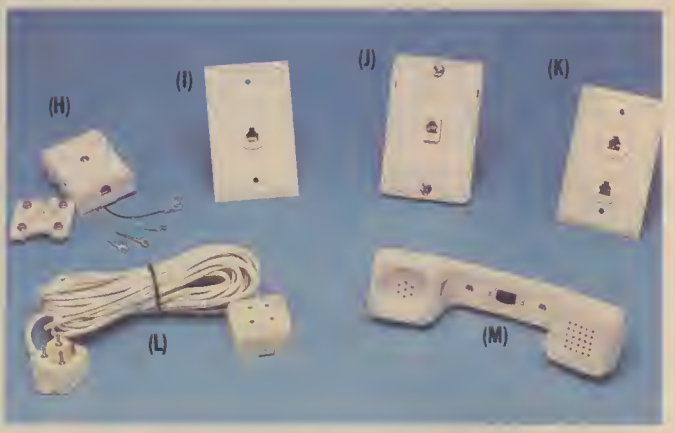
(I) Modular Wall Outlet Jack
MODEL TA-1313
OUR PRICE $1.75 each 10 FOR $15.00
Easily converts standard phones to modular system. No soldering required.

(J) Modular Wall Phone Jack
MODEL TA-1330
OUR PRICE $2.95 each 10 FOR $25.00

(K) Duplex Wall Jack
MODEL TA-1332
OUR PRICE $1.95 each 10 FOR $17.50
Flush mounted/modular.

(L) Telephone Extension Cable
MODEL TP-30
OUR PRICE $3.99 each 5 FOR $15.00
30 ft. (molded) flexible ivory extension cable with 4 prong plug on one end and 4 prong jack on the other. Allows telephone to go anywhere. Peg packaged.

(M) Amplified Handset
MODEL TA-1390 OUR PRICE 14.95
Features: Volume control, to strengthen the sound of weak signal or to hear over surrounding noise. An asset for the hearing impaired. Easy installation, fully modular. Cannot replace handsets with dialers on the handset.



(N) Coiled Modular Cables
MODEL TA-1309 OUR PRICE $3.95
Connects Handphone with modular connector to base with modular connector. 25 feet. Colors: White, black, brown, beige, red and black.

(O) Modular Telephone Cables
MODEL TA-1310 15 ft. OUR PRICE $1.95
MODEL TA-1311 25 ft. OUR PRICE $2.95
Connects modular phones to wall jacks. Has modular plug on each end. 25 ft. long.

(P) Modular Telephone Cables with Spade Lugs
MODEL TA-1312 15 ft. OUR PRICE $1.95
MODEL TA-1314 25 ft. OUR PRICE $2.95
Spade lugs on one end connect to standard wall junction box or to standard 4 prong plug or jack. Other end has modular plug.

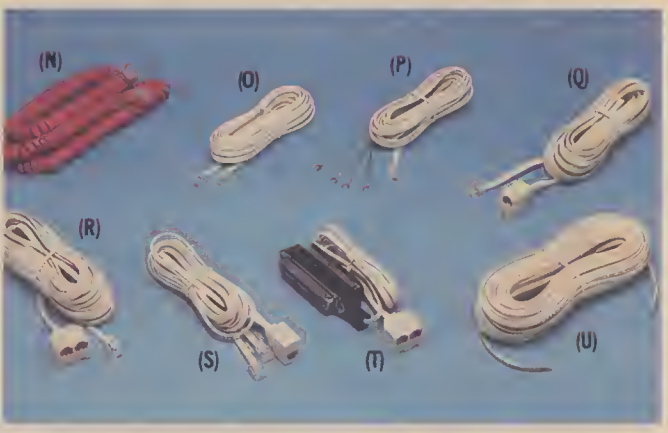
(Q) Modular Telephone Extension Cord
MODEL TA-1327 OUR PRICE $2.95
25 ft. With one end plug and one end single jack.

(R) Modular Telephone Extension Cord
MODEL TA-1328 OUR PRICE $3.95
25 ft. With one end plug and one end duplex jack.

(S) Two Line Converter
MODEL TA-1343 6 ft. OUR PRICE $4.95
Converts two separate single line telephone jacks into a two line telephone jack, allowing you to install a two line telephone product.

(T) Multiline Adaptor Switch
MODEL TA-2000 OUR PRICE $19.95
The TA-2000 allows line connection of single line telephones wireless phones dialers of answering machine to multiline systems utilising MICRO-Ribbon type connection

(U) Telephone Extension Cords
MODEL T-50 50 ft. DUR PRICE $2.95
MODEL T-100 100 ft. OUR PRICE $4.95
4 conductor wire makes any phone portable. Available in white. Easy to install. Instructions included. Peg pkg.



(V) Telephone Wiring Block
MODEL TA-1308 OUR PRICE $4.95
For modular or old style wiring.

(W) Telephone Hold Button
MODEL TA-1337 OUR PRICE $4.95
Eliminate covering the phone mouthpiece when talking. Put a call on hold instantly with the push of a button.

(X) Telephone Ring Controller
MODEL TA-1342 OUR PRICE $4.95
The TA-1342 stops the phone from ringing when you don't want to be disturbed: bedtime, meals, illness, work hours, or quiet evenings.

(Y) 4 Pin Modular Telephone Tool
MODEL TA-1397 OUR PRICE $7.95
Connect 4 pin modular plug to telephone wire. This tool makes it easy to install modular plugs.

(Z) Five Line Connector
MODEL TA-5000 OUR PRICE $24.95
Separate items can be plugged in simultaneously. Perfect for use with telephone answering system, phone recording devices, decorator and extension phones. Ideal for most multi-telephone accessory equipment. Can be moved and re-used anytime. Wired for A+A light control.

(AA) Five Line Selector
MODEL TA-6000 OUR PRICE $29.95
Perfect for use with telephone recording devices, answering system, or with decorator and extension telephones. Features: Rotary dial for choice of lines 1-5, Off position for disconnection, easy installation, no monthly phone charges, no power required.

(BB) Telephone Pick-Up Suction Cup
MODEL TP-55
OUR PRICE $1.99 each 10 FOR $15.00
Picks up both sides of phone conversation to tape recorder. No connection to telephone is needed. With 5 ft. shielded cord and plug. **Display pkg.**

CALL US MONDAY THRU FRIDAY 8:00 AM to 6:30 PM • SATURDAY 9:00 AM to 3:00 PM E.S.T.

BP TWO WAY LINE ADAPTER

MODEL TA-1351 OUR PRICE $16.95

DESCRIPTION

The TA-1351 is ideal for residential, professional or small business use. It permits incoming phone call on either line of two-line system to be answered by a single line telephone.
Size: 1-3/4"H x 4-5/8"W x 6-1/4"D.

TWO WAY LINE ADAPTER WITH CONFERENCING

MODEL TA-1352

OUR PRICE $24.95

Same as above, but also has conferencing.

TWO LINE CONVERTER

MODEL TA-1343 6 ft.

OUR PRICE $4.95 ***SPECIAL!***

Convert 2 female modular jacks (line 1, line 2) to a single dual female modular jack. Allows a two line telephone product, which contains one cable, to be hooked to 2 separate outlet jacks.

BP TELEPHONE AMPLIFIER

MODEL TA-1353

OUR PRICE $22.50

SPECIAL!

DESCRIPTION

Allows you to conduct telephone conversations while working without tying up your hands. Also, it will allow your family and friends to participate in phone conversation together.
Size: 1-3/4"H x 4-5/8"W x 6-1/4"D

BP MULTI-LINE CONVERTER WITH ELECTRONIC RINGER AND LOUDNESS CONTROL

MODEL TA-1359

OUR PRICE $55.00

FEATURES

- Allows you to connect answering machine, cordless phone, dialers, and any other single line device to multi-line.
- Loudness selection.
- 5-line emphenol feed thru plug.
- F.C.C. approved.

SUPERCALL EAGLE-1 FM/UHF MINI TRANSCEIVER

Attention: *FCC Licensed Amateur Radio Operators*
The Eagle-1 FM/UHF Mini Transceiver Is A Prime Choice!

MODEL Eagle-1 OUR PRICE $199.95 each

DESCRIPTION

The Eagle-1 allows you to communicate in environments where most other transceivers can't operate, such as: elevator shafts, steel buildings, steel framed warehouses, etc. This is a quality economical transceiver which will satisfy your expectations.
It features: 3 channels within a 10 MHz bandwidth, 200mW clean FM output power suitable for local services and low power consumption.

SPECIFICATIONS

Frequency Band: any 3 channels within 10MHz at 420-480MHz band. **X'tals:** One channel 446 MHz crystal installed. **Output Power:** 200mW. **Receiver Sensitivity:** 0.5μV @ S/N 10dB. **Power Supply:** DC 6V, UM-3 x 4. **Range:** ¼ mile. Comes with carrying case. Size (mm): 65W x 160H x 32D. Weight: 420 gr. An FCC licence is required to operate this transceiver.

UHF BAND MINI TRANSCEIVER

MODEL EAGLE-2 OUR PRICE $299.95 each

FEATURES

- UHF band. • UP to 9 miles (15KM) range. • 2 watt power.
- NI-CAD batteries. • 6 changeable channels.
- Frequency Range: 440-5 MHz.
- Mode: FM. • Max. Bandwidth: 4MHz.
- Frequency Channels: 6 channels max.
- FCC Approved. • Channel Spacing: 25KHz.
- FCC License Required to operate this transceiver.

PLANTRONICS SPIRIT TELEPHONE HEADSET

Lighweight Modular Headset for Standard and Electronic Telephones

MODEL SP-02

OUR PRICE $79.95

FEATURES

- Compatible with virtually all modular **single line** telephones —from standard desk phones to newer electronic feature phones, including Trimline-type and other phones having a dial in the handset.
- On/off switch —lets you answer phone without lifting handset.
- Flash switch —for call waiting capabilities.
- Mute/Hold switch. • Adjustable volume control.
- **Note:** This product does not contain a ringer.

BP TELEPHONE LINE TAP DETECTOR

MODEL TA-1356

OUR PRICE $29.95

FEATURES

- Silently tells you whether someone else is listening to your phone conversation!
- Indicates presence of tapping device, if line is busy or extension is being monitored.
- Makes phone more secure, alerts you to unauthorized listeners.
- Prevents interruptions and provides peace of mind.
- Works on all outgoing or incoming calls.
- Use on any phone — no interference with normal operation.
- Adjusts for all telephone installations.
- No power required.
- Size: 1-1/4"H x 3-1/4" W x 5-1/2"D.

BP AUTO CALL RECORDER

MODEL TA-1357

OUR PRICE $29.95

DESCRIPTION

Electronic marvel tapes phone calls automatically/legally. Keep a permanent record of all phone conversations. The TA-1357 starts your recorder only when your phone, or extension, is lifted and stops when you hang up.
Size: 1-1/4"H x 3-1/4"W x 5-1/2"D.

AUTO PAGE FULL DUPLEX PERIMETER PAGING SYSTEM

FM/UHF BAND *ALLOWING FOR A CLEAR, STRONG SIGNAL!*

MODEL AP-II REG. $995.00 OUR PRICE $749.95

DESCRIPTION

For businesses and institutions that need an easy-to-use, in-house communications system—one that maintains contact with key personnel as they change locations within a site, and allows them to respond to voice messages with voice responses, the Auto Page Full Duplex Perimeter Paging system is now available.

FEATURES

- FM/UHF operation for signal clarity. • Simple plug-in installation. • Mix duplex Talkback Pagers.
- Six channel capacity. • Portability—convenient for location changes in communication centers.
- Full Duplex capability with Talkback Pager. • No time-sharing or monthly fees as in leased paging systems.
- The AP-II comes with: 1 transmitter/receiver/encoder BT-01 (base station); 1 loaded whip antenna with magnetic mount and coaxial cable; 2 talkbalk pagers FP-02; 2 pager whip antennas; 2 pager hosters; 2 pager battery packs; AC power transformer; 2 AC pager battery chargers; 1 microphone with gooseneck connector.

OPTIONAL ACCESSORY

Model FP-02 Talkback Pager ..... **$199.00 each**

CALL US/WE ACCEPT PHONE ORDERS • TOLL FREE 800-645-9518 • NYS TOLL FREE 800-832-1446

ANSWERING MACHINES & FACSIMILES

COBRA ANSWERING SYSTEM

MODEL AN-8510

OUR PRICE $57.90

FEATURES
- Standerd (C-60) Cassette Tape System.
- One Touch Operation.
- Remote Turn-On: It you forget to turn machine on, you can call your number let ring 16 times end the system will activate itself for the next call.
- Voice Activeted Recording. • Call Screening
- Recorded announcement up to 3 minutes.
- Ready Record: Automatically sets mechine to enswer calls when turned on.
- Automatic Save/Cancel: Choose to save or cancel messages just efter you've heerd them. There's an eutomatic override if you chenge your mind.
- Extension Phone Control: If machine is in operation and you decide to take e call, pick up any extension and the mechine will automatically reset for next call.
- Clean Message Pleyback. • Power Feilure Protection: messages ramain in tack.
- Announce Only: for times when you wish to give information end receive no messages.
- Pause to stop tape and hold until you can resume playback. • Fast forward/rewind.
- Quick Erase: removes messages es you rewind. • Call counter.
- LED function indicator for operation mode. • Size: 7-1/4"W x 9"D x 2-3/8"H. • Weight: 4.5 lbs.

MODEL AN-8512 OUR PRICE $69.95

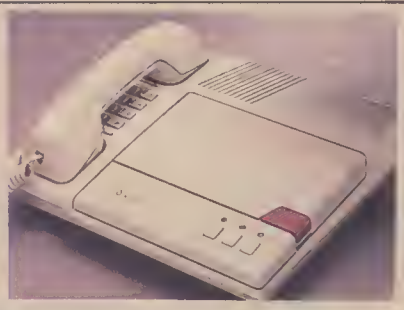
FEATURES Same as the AN-8510 **Plus**
- Beeperless Remote Message Retrieval. • Security Code. • Toll Saver. • Play, Rewind, Erase.
- Remote Memo: Call and leave yourself a message. • Remote: Skip Announcement, Full Tape Retrieval.

COBRA ANSWERING SYSTEM with REMOTE

Built-In Electronic Phone

MODEL AN-8514

OUR PRICE $89.90



FEATURES
- Built-in Electronic Telephone: Includes K-Type Hendset, Redial, Tone/Pulse switcheble end Ringer volume edjustment.
- Standard (C-60) Cassette Tape System.
- One Touch Operation. • Remote Turn-On.
- Extension Phone Control: It machine is in operation end you decide to take e call, pick up any extension end the machine will automatically reset for next call.
- Call Screening. • Ready Record. • Automatic Save/Cancel. • Announce Only.
- Cleen Message Playbeck. • Power Feilure Protection. • Voice Activated Recording. • FF/Rewind.
- Quick Erase. • Call Counter. • LED Function Indicator. • Size: 10"W x 9"D x 3-3/4"H. • Weight: 5 lbs.

REMOTE FEATURES • Beeperless Remote Message Retrieval. • Security Code. • Toll Saver.
- Pley, Rewind, Erase. • Remote Memo: Call end leeve yourself a message, end Full Tape Retrievel.

COBRA ANSWERING SYSTEM with BEEPERLESS REMOTE

Has Voice Recordable Micro-Chip For Announcement

MODEL AN-8516

OUR PRICE $110.00

AN-8516

FEATURES
- Voice Recordeble Micro-Chip For Announcement: Record your personalized announcement on a micro-chip that gives sound quality as good as any cassette tape. Regerdless of how many times you chenge the announcement the quality is the same. No need to replace worn out announcement tapes.
- Announcement For Time and Dey Of Eech Call (Time/Dey Stamp): After pleyback of each message is completed, e voice ennouncement tells you the exact time and day the call was received.
- Digital Message Counter and Clock: Digital clock tells time of day, and then turns into a message counter as the calls are received.
- Remote Turn-On: If you forget to turn mechine on, you can call your number, let ring 16 times and the system will activate itself for the next call.
- Extension Phone Control: If machine is in operation end you decide to take a call, pick up any extension and the machine will automatically stop end reset for next call.
- One Touch Operation. • Voice Activated Recording. • Cleen Message Playback. • Personel Memo.
- Backspace/Skip Ahead. • Conversation Record. • Announce Only. • Variable Length Announcement.
- Message cassette C-60 tape. • Size: 7-1/4"W x 9"D x 2-3/8"H. • Weight: 4.5 lbs.

REMOTE FEATURES
- Beeperless Remote Message Retrieval. • Three-Digit Security Code. • Toll Saver.
- Remote Backspece/Skip Ahead. • Message Play, Save, Erase.
- Remote Announcement Chenge: Call to chenge announcement by phone. It will be repleyed for your review, end then reset for next call.

ELECTRONIC PHONE / ANSWERING SYSTEM with BEEPERLESS REMOTE

MODEL AN-8518 OUR PRICE $149.95

FEATURES Same Features as the AN-8516 **Plus.**
- Phone features include: 9 number memory, electronic hold, pause end lest number redial.
- Size: 10"W x 9"D x 3-3/4"H. • Weight: 5 lbs.

COBRA 2-LINE TELEPHONE / ANSWERING SYSTEM with BEEPERLESS REMOTE

MODEL AN-8522

OUR PRICE $169.95

FEATURES
- 2-Line Telephone Answering System.
- Micro Cassette Tape System: Announcement and incoming messages stored on a single micro cassette tape (MC-60 cassette).
- 20 Number Memory.
- Speakerphone for hendstree conversation.
- Tone/Pulse switchable.
- Pause, Mute, and Flash.
- Battery Back Up for Memory.
- Electronic Hold.
- Remote Turn-On: If you forget to turn your machine on, simply call your number let ring 10 times end the system will activate itself for next call.
- Clean Message Playback. • Announce Only. • One Touch Operation.
- Voice Activated Recording. • Dual Announcements. • Power Feilure Protection.
- Size: 7"W x 8-5/8"D x 3-7/8"H. • Weight: 3-1/4 lbs.

REMOTE FEATURES
- Beeperless Remote Message Retrieval.
- 3-Digit Security Code. • Toll Sever. • Play, Rewind/Fast Forwerd, and Save.

COBRA PRINT PHONE

PERSONAL PORTABLE FACSIMILE and COPIER

MODEL PP-110 OUR PRICE $995.00

The PRINT PHONE is the efficient alternative to costly delivery services. Your document can be there in less than a minute and at a fraction of the cost.

FEATURES
- One touch operation.
- Sends end Receives over any Phone Line.
- Makes quick copies.
- Auto receive function.
- Manual or automatic operation for unettended fax reception.
- Selectable "fine" mode for transmittal with outstanding resolution of small type (PRINT PHONE automatically shifts into "fine" mode when "fine" mode is used by sending perty.
- LED operation indicators. • Easy setup: Just plug into wall, and connect it to e moduler telephone.
- 8.5" x 59' thermal paper roll. • Scanning width: 8.2". • Document Size: 8.5" x length of document.
- Size: 12-1/4"W x 9"D x 3"H. • Weight: 7-1/4 lbs.

OPTIONAL ACCESSORIES

Carrying Case model PA-301 ..... **$39.95**

Acoustic Coupler allows Print Phone use with herd-wired phones **model PA-201** **$49.95**

Facsimile Paper Box of 6 rolls, 59 ft. per roll **model PA-106** **$39.95**

BROTHER PERSONAL FAX

MODEL FAX-100

OUR PRICE $1099.00

FEATURES
- Compact, lightweight, easy to use, perfect for desk top, travel and home.
- Just plug into a telephone jack and electric outlet.
- Easy to operate, only 4 controls.
- Contrast control assures finest reproduction of differently colored originals.
- Fine detail transmission mode.
- Hand-free, non-monitored operation tion receives copies automatically.
- Built-in telephone handset with 9 number memory, rediel, pulse/tone, ringer volume control, battery back-up for memory.
- Compatible with ell Group 3 FAX mechines worldwide. • Operates as e copying machine.
- Quiet thermal printing. • Transmits crisp copies enywhere in the world to one or many pieces.

SPECIFICATIONS

Paper Type: Thermal roll paper. **Paper roll size:** 8.5" x 98'. **Scanning/Recording Width:** 8.2". **Document input size:** up to 8.5" wide. **Resolution:** 203 x 98 lines/inch standard. 203 x 195 lines/inch fine. **Compatibility:** CCITT group 3. **Size:** 13.8" x 9.8" x 6.1". **Weight:** 15 lbs.

COBRA HIGH-STYLED TELEPHONE
MODEL ST-514

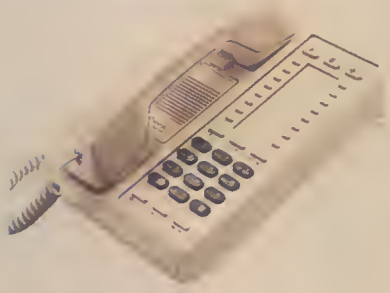
OUR PRICE $29.95

FEATURES
- High quality electronic components.
- Switchable tone or pulse dialing.
- Last number redial.
- Mute for privacy.
- Fully adjustable ringer volume control.
- Color: White.
- Size base: 8-14"D x 5-3/4"W x 3-1/2"H.
- Registered with the F.C.C. as hearing aid compatible.

COBRA FEATURE TELEPHONE
MODEL ST-668

OUR PRICE $39.95

FEATURES
- High Quality Electronic Components.
- Switchable Tone or Pulse Dialing.
- 35 Number Memory: 19 are one touch locations for frequently called or emergency numbers.
- Ringer Volume Controls.
- Mute: for privacy.
- Last Number Redial.
- P ► T (Pulse to Tone) Dialing: for easy alternate long distance dialing from pulse mode.
- Desk or Wall Mountable
- Size: 8"W x 9-1/4"D x 1-3/4"H.
- Color: Almond.
- Registered with the F.C.C. as hearing aid compatible.



COBRA DESIGNER TELEPHONE
MODEL ST-550

OUR PRICE $29.95

FEATURES
- Back-lit Keypad. • Last Number Redial.
- Switchable Tone or Plus Dialing.
- Ringer Volume Control. • Wall Mountable.
- Handset size: 8"L x 2-3/4"W x 1-5/8"D.
- Fully Modular. • Color: Pearl
- Registered with the F.C.C. as hearing aid compatible.

MODEL ST-552

$39.00

- Has all the features of the ST-550 Plus: 3 Number total one-touch memory, and pause: for storing alternate long distance numbers in memory.

MODEL ST-554

$42.00

- Has all the features of the ST-552 Plus: 13 Number total memory which includes 3 one-touch memory buttons, receiver volume control, and Hold.

COBRA FEATURE TELEPHONE
MODEL ST-669

OUR PRICE $49.00

FEATURES
- High quality electronic components.
- Switchable Tone or Pulse Dialing.
- True Electronic Hold: automatically disengages when an extension is picked up.
- 36 Number Memory.
- 18 Number one touch memory.
- Last Number Redial.
- Pause: for storing alternate long distance numbers.
- Flash: for call waiting compatibility.
- Desk or Wall Mountable.
- Color: Silver.
- Size: 7-1/8"W x 9-3/18"D x 3-3/4"H.
- Registered with the F.C.C. as hearing aid compatible.

MODEL ST-670

OUR PRICE $59.00

FEATURES
- All the Features of the ST-669 Plus: On Hook Dialing.

COBRA DESIGNER TELEPHONE
MODEL ST-556

OUR PRICE $42.50

FEATURES
- High Quality Electronic Components.
- Switchable Tone or Pulse Dialing.
- 10 Number Memory plus 3 Emergency Numbers.
- Separate Receiver control.
- Ringer Volume Control.
- Hold: automatically disengages when an extension is picked up.
- Last Number Redial. • Mute: for privacy.
- Pause: for storing alternate long distance numbers.
- Flash: for call waiting compatibility.
- Comfortable "K" type Handset.
- Size: 8-3/4"W x 6-5/8"D x 3-1/8"H. • Colors: Beige or Red
- Registered with the F.C.C. as hearing aid compatible.

MODEL ST-558 **OUR PRICE $59.95**

FEATURES
- All the Same features of the ST-556 Plus 2 line capability. • Colors: Beige or Red.

SUPERFONE AUTOMATIC CALL DIVERTER
TRANSFER ANY IN-COMING CALL TO ANY OUT-GOING NUMBER YOU WISH

MODEL TA-220

OUR PRICE $124.95

DESCRIPTION

Expecting an important call and you just can't be in two places at the same time? Now you don't have to be! With the new SuperFone Automatic Call Diverter you can receive a call at any location you choose to be. When a recorded message just won't do and the personal touch is a must, use the Call Diverter to service you.

The Call Diverter requires two line service, one as an in-coming line, the other as an out-going line. Simply program in the telephone number of the place where you will be located. The Call Diverter will receive your in-coming call and transfer it to you at the pre-programmed number. It features a timer which you can choose to set for 4 minutes or 18 minutes or not at all. Once a call is diverter to you, you become the initiator of that call, (not the original party), and will be charged as such. The timer allows you to monitor the time spent on the call and will clear the line when the alloted time is up. It is switchable from tone to pulse dialing. It can be placed on a desk or wall mounted. Size: 8"L x 1-1/2"H x 5"W.

COBRA FEATURE TELEPHONE with SPEAKERPHONE
MODEL ST-672

OUR PRICE $65.00

FEATURES
- Speakerphone for handsfree conversation.
- Tel line powered no AC adaptor required.
- True Electronic Hold: automatically disengages when an extension is picked up.
- Automatic Redial: retries a busy number once a minute for ten minutes.
- High quality electronic components to ensure excellent sound quality and long term reliability.
- 24 One-Touch Memory locations for frequently called or emergency numbers.
- Switchable Tone or Pulse Dialing for use with any telephone system.
- Last number redial.
- Pause for storing alternate long distance numbers in memory.
- Flash for call waiting compatibility.
- Ringer volume control. • Desk or Wall mountable.
- Size: 7-1/8"W x 9-3/18"D x 3-3/4"H. • Registered with the F.C.C. as hearing aid compatible.

SENSAPHONE™ HOME MONITORING SYSTEM
MODEL SC-145

OUR PRICE $199.00

DESCRIPTION

Sensaphone answers a basic need. Now you can protect your home, your vacation cabin, the security of your office...or virtually any property you own...with a Sensaphone System. Locks and alarms are important but limited. Having a Sensaphone System monitoring your property when you're away is the next best thing to being there. What the Sensaphone System does. Say you're away from home. A fire breaks out and your smoke alarm goes off. Who hears it? The Sensaphone does. Automatically, and in sequence, it can phone you, your office, a neighbor, or a relative until its warning message is received. Now the person receiving the message can alert the fire department and save the house. The Sensaphone continuously monitors major environmental conditions. Connected to your telephone, this system is continuously alert for power failures, excessively high or low temperatures, unusual sounds...and three other conditions of your choice. If alarm conditions develop, the system will automatically dial the numbers you have entered, until answered. When answered, the Sensaphone talks to the receiving party. It identifies itself, gives the time, says exactly what's wrong, then switches on its built-in microphone so unusual sounds, if any, can be heard. The microphone also enables you to listen to sounds in your home while away. Just telephone the system and it will report and let you listen to the room sounds. Keeps working, even if there's a power failure. Automatically dials up to 8 numbers. Easy to install. Size: 8-5/8"L x 7-5/8"W x 2"D.

CORDLESS TELEPHONES

COBRA 2-LINE CORDLESS TELEPHONE
MODEL CP-473S

OUR PRICE $169.95

FEATURES
- 2 Line Capability with Hold and Conferencing.
- Clear Call Circuitry. • 9 Number Memory.
- Selectable Channels. • Last Number Redial.
- 32 Digital Security Codes. • Paging.
- Flash. • Switchable Tone or Pulse Dialing.
- Automatic Standby. • Secur-Loc™.
- Receiver Volume Control. • Line Status LEDs.
- Maximum Range Permissible.
- Desk or Wall Mountable.
- Attachable Belt Clip.
- This telephone has been registered with the FCC as hearing aid compatible.
- Base Size: 8-1/2"L x 5-3/4"W x 1-3/4"D.
- Weight: 1 lb. 4 oz.

COBRA FULL-SIZE CORDLESS PHONE
MODEL CP-460

OUR PRICE $119.95

FEATURES
- 512 digital codes
- Selectable channels.
- Switchable tone/pulse dialing.
- 9-number memory.
- Last-number redial. • Hold key.
- Two-way paging and intercom.
- Call waiting compatibility.
- SECUR-LOC and auto-standby.
- Speakerphone for Hands-Free Conservation.
- Desk/Wall Mountable.
- Size base: 6-1/2"W x 9-3/8"D x 3-1/8"H.

COBRA CORDLESS TELEPHONE and SPEAKERPHONE
MODEL CP-474S

OUR PRICE $139.95 Black

FEATURES
- Speakerphone for handsfree talking.
- Selectable Channels: change channels for the clearest possible conversation.
- Handsfree Intercom: Person with handset can converse freely with others at base.
- Room Monitor: base allows you to monitor sounds in another room with the handset.
- True electronic hold. • Ringer on/off control.
- 9 Number memory. • Last number redial.
- Receiver Volume Control adjust caller's voice, even enables you to amplify.
- 256 Digital Security Codes to prevent interference from other cordless telephones.
- Switchable Tone or Pulse dialing.
- Flash for call waiting compatibility.
- Automatic Standby allows you to use your cordless phone like any corded phone. Just take handset out of the cradle and use.
- Maximum Range as legally permissible, lets you make and receive calls inside or outside.
- Secur-Loc prevents unauthorized use.
- High quality electronic components.
- Clear Call Circuitry.
- Attachable Belt Clip to hang handset on belt.
- Color: Black. • Desk/Wall mountable.
- F.C.C. Registered as hearing aid compatible.
- Size (base): 5-3/4"W x 8-1/2"L x 1-3/4"D.

MODEL CP-464S Pearl

OUR PRICE $139.95

FEATURES • All features same as CP-474S except color: Pearl

AUDIOVOX CORDLESS PHONE
46/49 MHz Channels
MODEL AT-14

OUR PRICE $44.95

FEATURES
- 1000 foot maximum range.
- Eliminates inconvenience of a cord.
- Make and receive calls indoors or out.
- Automatic redial. • FCC approved.
- Works with rotary or touchtone systems.
- Automatic lock feature prevents unauthorized use when hand set is in base.
- LED Indicators on base and handset show power, charge, in-use, and talk modes plus low- battery condition.
- Built-in NICad batteries and automatic recharging system.
- Easy plug-in connection to standard telephone modular jack—no wiring required.

SPECIAL!

COBRA REMOTE RECHARGER Fits Cobra Cordless Phones
Model CA-21 For Recharging Away From Base Unit **$12.95**

COBRA CORDLESS TELEPHONE
MODEL CP-469S

OUR PRICE $79.95

FEATURES
- 32 Digital Security Codes to prevent interference from other cordless telephones.
- Switchable Tone or Pulse dialing.
- 9 Number memory. • Last number redial.
- Flash for call waiting compatibility.
- Automatic Standby allows you to use your cordless phone like any corded phone. Just take handset out of the cradle and use. No need to move to use Talk/Standby switch.
- Clear Call Circuitry optimum performance from custom microprocessors.
- Maximum Range as legally permissible, lets you make/receive calls inside or outside.
- Secur-Loc prevents unauthorized use.
- High quality electronic components.
- Registered with the F.C.C. as hearing aid competible.
- Desk/Wall mountable.
- Size (base): 5-3/16"W x 8-7/16"L x 2"H.

SOUTHWESTERN BELL FREEDOM PHONE® SMART CORDLESS PHONE
That Gives You 2 Phones In 1!
MODEL FF-1700

OUR PRICE $149.95

FEATURES
- Dialing pad in handset and control unit.
- Automatic dialing with 9 number memory.
- Speaker Phone plus two way intercom.
- New 46/49 frequencies for clean sound.
- 10 channel select and digital security system.
- Switchable Pulse/Tone dialing. • Redial.
- Channel Select Switches to change to a clear channel.
- Range extender antenna. • Range 1000 ft.
- Clear button. • Mute Button. • Volume control.
- Ringer. • Hold with LED. • Call button.
- Microphone • Hearing Aid compatible.
- Dual Modular Phone Jacks: An additional phone accessory may be added to the control unit.
- Chain dialing. • Desk or Wall mountable.
- Size Base: 10"D x 2-1/2"H x 8-1/2"W. Handset. 11"D x 1-1/2"H x 1-1/2"W.

FREEDOM PHONE® MINIATURE CORDLESS PHONE
MODEL FF-1250

OUR PRICE $149.95

FEATURES
- 46/49 MHz duplex. • Miniature handset.
- Built-in 2-way intercom.
- Tone/pulse switchable dialing.
- External handset ringer.
- Auto redial, flash, pause, volume control.
- In-use, charge, intercom/telephone LEDs.
- Security. • Up to 1000' range
- Color: Pewter Gray/Black.

COBRA CORDLESS TELEPHONE
So Advanced, No One Knows It's Cordless!
MODEL CP-468S

OUR PRICE $69.95

FEATURES
- Clear Call Circuitry: to provide the sound quality of a corded phone.
- Digital Security Codes: prevent interference from other cordless telephones.
- Last Number Redial.
- Automatic Standby: allows you to enjoy your cordless phone like any corded phone. No need to move talk/standby switch to standby.
- Secur-Loc™ prevents unauthorized use.
- Maximum Range as legally permissible lets you make and receive calls inside and outside.
- Switchable Tone or Pulse Dialing for use with any telephone system.
- High Quality Electronic Parts.
- Size: (Base) 5-13/16"W x 8-1/2"L x 1-1/16"H Weight: 1 lb. 4 oz.

CALL US MONDAY THRU FRIDAY 8:00 AM to 6:30 PM • SATURDAY 9:00 AM to 3:00 PM E.S.T.

FORDHAM Tool Kits with Hand Held Digital Multimeter.

All Fordham Tool Kits contain primarily Weller Xcelite tools. FTK Tool Kits are the leaders in the electronic industry. Ideal for field engineers, technicians and laboratories. There are more than 100 fine tools of the highest quality. All are in a handsome attache case of your choice.

THESE FINE QUALITY TOOLS ARE INCLUDED IN ALL MODELS BELOW

99-20 thru 99-26—Allen hex Driver Blade Set. 7 pcs.
Alignment Tool Kit.—5 pcs.
9338—Burnishing Tool
70219—Circuit Tester—twin lead type 60-500 volts
1963—Crimping Tool with bolt cutter and stripper
6980—Dip Extractor
TE101—Electrical Tape—UL approved 60' x 3/4"
Flashlight—Heavy duty industrial type, 2 cell
Hammer—(ball pein)—8 oz. head
99-1—Handle for hex, spline and nutdriver blades 4"
99-2—Handle for hex, spline and nutdriver blades 3"
99-4—Handle for hex, spline and nutdriver blades tee type
80—Heat Sink
70148—Hex Key Set—folding type .050—3/16"
K-22—Knife—multipurpose electrician's type
5090—Mirror—dental type
99-6 thru 99-12—Nutdriver Blade Set—3/16" thru 1/2" 7 pcs.
PO1—Oiler—precision type
55CG—Pliers—diagonal 5"
72CG—Pliers—instrument type chain nose 5"
52CG—Pliers—long nose with side cutter
84CG—Pliers—miniature cutter 4" with pointed nose
58CG—Pliers—special purpose radio and TV 6"
56CG—Pliers—needle nose 6" slim jaw
63CG—Pliers—utility type 10"
70195—Pliers—convertible snap ring, adjust for internal or external snap rings
TS600—Screwdriver—jeweler's kit 6 pcs. .025-1"
VO2—Offset Screwdrivers—6—10 screws
X100—Screwdriver—Phillips -0 2" blade
X101—Screwdriver—Phillips -1 3" blade
X102—Screwdriver—Phillips -2 4" blade
SX102—Screwdriver—Philtips Stubby -2 1-5/16" blade
R3322—Screwdriver—regular 3/32", 2" blade
R148—Screwdriver—regular 1/8", 8" blade
R3163—Screwdriver—regular 3/16", 3" blade
R144—Screwdriver—regular 1/4", 4" blade
R5323—Screwdriver—regular 5/32", 3" blade
R5166—Screwdriver—regular 5/16", 6" blade
S141—Screwdriver—regular stubby 1/4", 1-1/4" blade
K34—Screwdriver—screwholding type 3/16" 4" blade
42H—Seizure—6" straight nose—serrated
86CG—Snips—6-1/2" pointed, 1-1/2" blade
99-61 thru 99-66—Spline Driver Blade Set—6 pcs. .048—.096
WP-25—Soldering Iron—Weller
9073—Solder Aid—fork tip and brush
AC303P—Solder Aid—desoldering bulb
AB—Solder Aid—solder wick
DS-1—Solder—small coil .031
8010—Tape Measure—10 ft. long, 1/2" wide
7993—Tweezer—fine point 4-1/8" long
101-S—Wire Stripper/Cutter—with adjustable screw stop and spring
XL70—Wrench Sets—1/4" drive sockets with ratchet, spinner and extensions
44CG—Wrench—4" length adjustable
48CG—Wrench—8" length adjustable
DVM-632—Scope Digital Multimeter

Scope Meter Model DVM-632 is supplied with each tool case.

FORDHAM TOOL CASES

MODEL FTK-20SD (Super Deep) OUR PRICE $499.95

DESCRIPTION: EXECUTIVE ATTACHE CASE WITH DOUBLE PALLETS
This took kit contains all the tools described above. This executive attache case made of high impact ABS plastic with German steel latches and each latch has it's own key lock. The sturdy aluminum edging has an interlocking tongue and groove design for rigidity and easy closing. It has a spacious compartment with two removable pallets. Color: Gray

Dimensions: 18" x 13-1/4" x 8".

EMPTY CASE AVAILABLE MODEL TC-6808 ..... $79.95

MODEL FTK-20MLD OUR PRICE $469.95

DESCRIPTION: DELUXE MOLDED TOOL CASE.
This toot kit contains all the tools described above. This deluxe case is constructed of heavy guage ABS material and has reinforced fiberglass corners. It has a one piece extruded aluminum radius valance, all nickel plated steel hardware attached to aluminum valance for added strength, interchangeable positive closure locks, and three hinges for heavy duty use, two removable pallets. This popular compact case with its versatile design is perfect for electonics, computer and office equipment technicians. Steel core padded handle for carrying comfort. Pallets equipped with 50 pockets and specifically designed for interchangeable nut driver and hex key blades. Color: Black

Dimensions: 18-3/4" x 12-3/4" x 5-3/4".

EMPTY CASE AVAILABLE MODEL TC-6800 ..... *SPECIAL!* $59.95

MODEL FTK-20PSD OUR PRICE $549.95

DESCRIPTION
SUPER DEEP TOOL CASE.
This tool kit contains all of the above tools described. This case is made of rough and tough high impact polyethylene shell. Attache style case. Color: Gray. This kit also comes with two removable tool pallets for your convenience. Recommended for the technician that needs spaciousness.

Dimensions: 18" x 13" x 8".

EMPTY CASE AVAILABLE MODEL ST-8 ..... $119.95

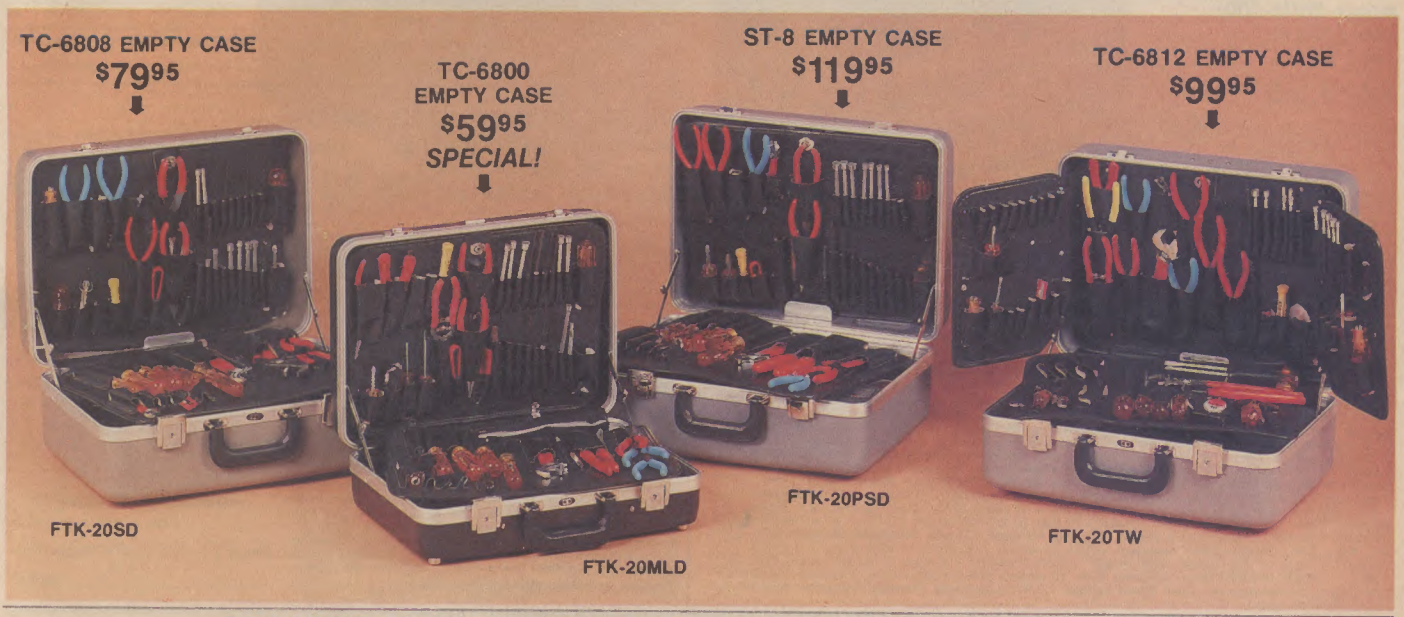
MODEL FTK-20TW OUR PRICE $519.95

DESCRIPTION
SUPER STRONG TOOL CASE WITH DOUBLE WINGED PALLETS
This tool kit contains all of the above tool described. This super strong lightweigth tool case is made of a high impact ABS plastic and features deluxe double winged pallets for extre storage. European latch and lock of the finest quality prevents jamming. It has a sturdy aluminum edging for ridigity, easy opening and closing. Color: Gray

Dimensions: 18" x 13-1/4" x 8".

EMPTY CASE AVAILABLE MODEL TC-6812 ..... $99.95

TOOLS LISTED AT TOP OF PAGE ARE CONTAINED IN EACH CASE



CALL US/WE ACCEPT PHONE ORDERS • TOLL FREE 800-645-9518 • NYS TOLL FREE 800-832-1446

SCOPE HAND-HELD DIGITAL MULTIMETERS

MODEL DVM-636
OUR PRICE **$67.50**
8 Function, 37 Ranges Including: Transistor end Capecitance Measurements

MODEL DVM-638
OUR PRICE **$87.50**
11 Function, 38 Renges Including: Logic Level Detector, Audible Visuel Continuity, Capecitance end Conductance Measurements

DESCRIPTION
The new Scope line ol digital multimetera are completely porteble lor use by Technicians, Servicemen, Students end Hobbyists. High accurecy end rugged rellebility make them the first choice of servicemen who require e multi-lunction meter designed lor eesy handling end is cost elfective.

FEATURES
- 10MΩ Imput Impedence. • Overloed Protection. • Auto-decimal LCD readout. • Polarity Indicetion.
- 300 hour battery life with 9V transistor bsttery. • Low bettery Indication.

OPTIONAL
CA-92 Deluxe Pedded Case lor DVM meters **$9.95** **TL-218** Transistor end Capacitance Test Leads **$9.90**

MODELS

	DVM-636	DVM-638
DC VOLTAGE	**ACCURACY**	
Range: 200mV, 2V, 20V, 200V, 1000V	0.5% + 1	0.5% + 1
Resolution: 100μV, 1mV, 10mV, 100mV, 1V		
AC VDLTAGE (50 Hz—500Hz)	**ACCURACY**	
Range: 200mV, 2V, 20V, 200V	1% + 4	1% + 4
750V	1.5% + 4	2% + 4
Resolution: 100μV, 1mV, 10mV, 100mV, 1V		
DC CURRENT 200μA OYM-636 only	**ACCURACY**	
Range: 2mA, 20mA, 200mA	0.8% + t	0.8% + 1
10A	1.5% + 1	1.5% + 1
Resolution: 1μA, 10μA, 100μA, 1mA, 10mA		
AC CURRENT (5DHz—500Hz) 200μA-0YM-636 only	**ACCURACY**	
Range: 2mA, 20mA, 200mA	1% + 4	1% + 4
10A	1.5% + 4	1.5% + 4
Resolution: 1μA, 10μA, 100μA, 1mA, 10mA		

MODELS

	DVM-636	DVM-638
RESISTANCE	**ACCURACY** HI	HI
Range: 200Ω	0.8% + 3	0.8% + 3
2KΩ, 20KΩ, 200KΩ, 2000KΩ	0.5% + 1	0.5% + 1
20M	1.5% + I	1.5% + 1
	LOW	LOW
Range: 200Ω	N/A	N/A
2KΩ, 20KΩ, 200KΩ, 2000KΩ	0.8% + 2	0.8% + 2
Resolution: Range 200Ω	100MΩ	
2KΩ, 20 KΩ, 200KΩ, 2000KΩ	1Ω, 10Ω, 100Ω, IkΩ	
20m	10KΩ	
CAPACITANCE	**ACCURACY**	
Range: 2nF, 20nF, 200nF, 2000nF, 20μF	3% + 10	1% + 4
Resolution: 1pF, 10pF, 100pF, 1nF, 10nF		
CONDUCTANCE	**ACCURACY**	
Range: 200ns	NA	3% + 10
Resolution: 0.1nS		

SCOPE HAND-HELD 3-1/2 DIGIT LCR METER

MODEL LCR-680
OUR PRICE **$119.95**
NEW!

DESCRIPTION
This lightweight, portable, hend-held LCR meter is lor measuring, capacitance, resistance and Inductence of components. Idealy suited for field service epplicetlons. Also used in development and reseerch epplicetions. Overloed Protected. Comes with test leeds, test clip, bsttery, spere luse.

SPECIFICATIONS
Diaplay: 3-1/2 Digit LCD display. **CAPACITANCE Renge:** 200pF, 2nF, 20nF, 200nF, 2μF, 20μF, 200μF. Accuracy: ≤0.5μF ±2% ±1 digit. >0.5μF ±3% ±1 digit. **RESISTANCE Renge:** 20Ω, 200Ω, 2KΩ, 20KΩ, 200KΩ, 2MΩ, 20MΩ. Accurecy: ≤1M ±1% ±1 digit. >1M ±5% ±1 digit. **INDUCTANCE Renge:** 2mH, 20mH, 200mH, 2H, 20H, 200H. Accurecy: 2mH - 2H ±3%. 2H - 200H ±5%. **Power Requirementa:** one 9V bettery. **Size:** 174mm H x 90mm W x 41mm D. **Weight:** 390 grams.

SCOPE DIGITAL CAPACITANCE METER

MODEL DCM-602
REG. $69.95
OUR PRICE **$59.95**

DESCRIPTION
- Digital LCD disptsy essy snd correct reedout.
- High accuracy: 100 PPM 0.5%.
- LSI-circuit provides high reliebility and durebility.
- Compect, lightweight, end essy one hand operation.
- Broed test rsnge to measure high end low cspecitance.
- Protected sgsinst demage from chsrged cspacitors.
- Crystal time bsse. • Fsst sempling time. • Portsble.

GENERAL SPECIFICATIONS
Diepley: 13mm (0.5'') LCD Msx. indicetion 1999. **Range:** 8 renges with full scele velues lrom 200pF to 2000μF. **Overloed Indicetion:** Indicstion of ''1''. **Callbretion edjuetmente:** One internsl sdjustment for sccurscy. One front panel sdjustment for zero. **Zero edjustment:** Externsl knob edjustment for zero vslue ol the display. This is limited to ±20pF. **Dut-of-renge Indicetlon:** Indicetion of ''1''. **Sempling timea:** 0.5 second. **Power aupply:** 9V battery. **Size:** 7.1'' x 3.3'' x 1.5''. **Weight:** 0.62 lbs. **Standard eccessoriee:** 1 peir of test slligstor clips (red end blsck), Spere fuse (0.2A), instruction menusl.

ELECTRICAL SPECIFICATIONS

Normal Range	Max. In-range Display	Resolution	Test Frequency
200 pF	199.9 pF	0.1 pF	800Hz
2 nF	1.999 nF	1 pF	800Hz
20 nF	19.99 nF	10 pF	800Hz
200 nF	199.9 nF	100 pF	800Hz
2 μF	1.999 μF	1000 pF	800Hz
20 μF	19.99 μF	0.01 μF	80Hz
200 μF	199.9 μF	0.1 μF	8Hz
2000 μF	1999 μF	1 μF	8Hz

pF = picofarad (10^{-12}) nF = nanofarad (10^{-9}) μF = microfarad (10^{-6})

Accuracy (25°C ± 5°C)	0.5% of full scale ±1 LSD (least significant digit) on 200 pF to 200 uF ranges. 1% of full scale ±1 LS0 on 2000 uF range.
Excitation Voltage	3.2(DCM-602) volts peak, maximum. Positive input terminal's voltage is always higher than Negative terminal.
Zero Adjustment	It is only limited ±20 pF.
Protection	The meter is protected against damage from charged capacitors (more than 0C 50 volts) by the fuse (0.2A).

SCOPE 4-1/2 DIGIT BENCH DIGITAL MULTIMETER

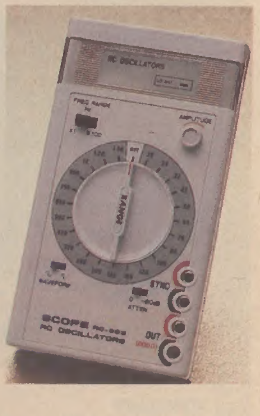
MODEL DVM-6005
REG. $249.95
OUR PRICE
$219.95

FEATURES
- 4-1/2 Digit LCD.
- 0.4'' High chsracters.
- Conversion Period: 500 ms.
- Polarity: Automatic, (-) negetive polsrity.
- Overload Indication: Highest digit of (1) or (-1) is displeyed.
- Power supply: Six 1.5V ''D'' betteries.
- Size: 8.4''W x 10.4''D x 3.9''H. • Weight: 4.2 lbe.
- Accessories supplied: Test leed set, operetor's msnual, batteries, spsre luse.

SPECIFICATIONS
DC Voltege: Rangee: ±200MV, ±2V, ±20V, ±200 V, ±1000V. **Resolution:** 0.5%μV on lowest renge, a1V on 100V rsnge. **Accuracy:** ±(0.05% of reeding + 2 digits) on all ranges. **Response Time:** <1 second. **Input Impedence:** 10MΩ on ell renges, except 11MΩ on 2V range. **Normel Mode Noise Rejection:** ≥ 60 dB et 50 Hz or 60 Hz. Common **Mode Noise Rejection:** ≥ 90 dB at DC, 50Hz and 60Hz with 1KΩ unbalance. **Overload Protection:** 1000V DC or peak AC, continuous. **AC Voltage (Average Senaing, RMS Callbrated Sinewave):** Accurecy: ±(% of resding + no. of digits) 50 Hz to 10 KHz, 0.5% +10, 10KHz to 20KHz, 0.1% +10, 50KHz 5% +30. **Response Time:** ≤ 3 seconds. **Input Impedence:** 10M Ω in parallel with <100 pF, except 11M Ω or 2 V renge. **Common Mode Noise Rejection:** > 60 dB at 50 Hz and 60 Hz with 1K Ω unbslsnce. **Overload Protection:** 1000V DC or rms AC, continuous, not to exceed the volthertz product of 10_7, except 200 mV AC rsnge (10 seconds max. above 250 Vrms). **Volt-Hz Product:** 10^7 max. (200V max. 50 KHz). **DC Current: Rengee:** ±200μA, ±2mA, ±20mA, ±200mA, ±2000mA, ±10A. **Resolution:** 10nA on lowest range, 1mA on 10 A renge. **Accurecy:** ±(0.5% of reading +10 digits) on ell ranges, except ±(0.75% of resding + t0 digits) on 200 mA, ±2% ol reading + 10 digits) on 2000mA, 10 A ranges. **Reaponse Time:** ≤ 1 second. **Burden Voltege:** 0.7V max. on 2A, 10A ranges, 0.3V max. on all other rsnges. **Overload Protection:** 2A/250V fuse protected, 10A renge not fused, t0A max. **AC Current: Rangee:** 200μA, 2mA, 20mA, 200mA, 2000mA, 10A. **Resolution:** 10nA on lowest renge, 1mA on 10A range. **Accuracy:** ±(0.75% of reading + 10 digits), 50Hz—50Hz, 200μA through 200mA renges, (±2% of resding + 10 digits), 50Hz—5KHz, 2000mA, 10 A rsnges. **Reeponse Time:** ≤ 3 seconds. **Burden Voltege:** 0.7V max. on 2A, 10A ranges, 0.3V max. on all other renges. **Overload Protection:** 2A/250V luse protected, 10A range not lused, t0A max. **Realatence: Renges:** 200Ω, 2KΩ, 20KΩ, 200KΩ, 2000KΩ, 20MΩ. **Accuracy:** ±(0.2% ol reading + 20 digits) on 200Ω renge. ±(0.15% of reeding ± 2 digits) on 2KΩ through 200KΩ rangee. ±(0.2% of reading + 2 digits) on 2000KΩ rsnge. ±(2% of reeding + 2 digits) on 20MΩ range. **Response Time:** t0 seconds max. on 20MΩ range, 2 seconds max. on all other renges, to reted accurecy. **Open Circult Voltage:** <3.5V on all renges. **Overload Protection:** 250V DC or rme AC on all renges.

SCOPE POCKET SIZED AUDIO SIGNAL GENERATOR

MODEL RC-555
REG. $69.95 OUR PRICE **$59.95**



DESCRIPTION
The RC-555 is completely porteble, low distortion sine-weve signel, 46 step of selected lrequency for use by technicien, servicemen, student and hobbyist who require an instrument thst is accurate, relisble, end elweys reedy for use. It is powered by a standard 9V trsnsistor redio type battery, providing 50 operating hours, depending upon the type ol bettery end usege.

SPECIFICATIONS
GENERAL: Frequency Renge: x 1 range 20 Hz to 1.5 kHz, x 100 rsnge 2 kHz to 150 kHz with 23 step of selected frequency both. **Dutput Control:** 0 dB, -20 dB, end fine adjuster. **Dutput Impedence:** 600 Ω ± 10%. **Waveform:** Sine wave, Square wsve. **SINE WAVE CHARACTERISTS: Output Voltege:** 1.2V rms maximum (no loed). **Dutput Flatneea:** 20 Hz to 150 kHz ±0.5 dB (reference lrequency 1 kHz). **Diatortion:** 200 Hz to t5 kHz 0.05% (THD) or less, 50 Hz to 30 kHz 0.1% (THD) or less, 20 Hz to 100 kHz 0.5% (THD) or less. **Fraquancy Accurecy:** 20 Hz to 100 kHz (±3% or less), 100 kHz to 150 kHz (±5% or lees). **Dutput Impedence:** 1 kΩ ±5%. **SDUARE WAVE CHARACTERISTICS: Dutput Voltege:** 6 Vp-p maximum (when on losd). **Rise & Fell Time:** less then 0.5μs. **Seg:** less than 5% et 20 Hz. **Dver Shoot:** less than 2% at meximum output. **Duty Retio:** 50% ±5%. **Frequency Accurecy:** 20 Hz to 100 kHz (±5% or less), 100 kHz to t50 kHz (±7% or less). **Power Requirementa:** 9V Bettery. **Bettery Indicator:** LED lemp Indicetor. **Size:** 6''L x 3.3''W x 0.9''H. **Weight:** 7 oz. **Acceseorlea eupplied:** User's msnuel, test leads, 9V Bettery.

Deluxe padded case Model CA-92 .... **$9.95**

BP ECONOMY LAMP
MODEL XL-334

OUR PRICE $16.95

DESCRIPTION
Popular, low-priced bench lamp made with the same attention to quality as well as all BP lamps. Tubular steel, spring balanced arms; vented shade; tension control knobs, 2-conductor cord.

Colors: baked enamel finishes—red, yellow, blue, black, oyster white.

UL listed for 60 watt. Shipping weight with bracket: 3-1/2 lbs. (33" reach).

BP MAGNIFIER LAMP
MODEL ML-2A CLAMP ON LAMP

OUR PRICE $32.50
Lamp attaches to table or desk edge with large adjustable 4-way bracket clamp. 39" arm allows you to maneuver the lamp to a desired position. Shipping Wt. 3 lbs 14. oz.

MODEL ML-2B DESK TOP

OUR PRICE $39.95
Lamp is mounted in a weighted base. It Sits on desk or table.

DESCRIPTION
The BP magnifier utility lamps have a 3-3/4" diameter lens supplemented by a 40-watt standard appliance bulb. The A-15 incandescent bulb enlarges and illuminates allowing for hands free work or in specting the viewing area clearly and comfortably. This lamp in sold in black only, it includes a factory installed 3-diopter lens, suited for most magnification requirements. Same magnification as the MG-180. 39" flexible arm. Shipping Wt. 15 lbs.

ELECTRIX HALOGEN LAMP
The Next Best Thing To Sunshine
MODEL 7500X

OUR PRICE $99.95
DESCRIPTION
The Electrix Halogen Lamp illuminates your workspace with a streamlined energy-efficient lamp which recreates the benefits of sunlight in your office. Your efficiency will improve as you bask in the diffused light recommended by scientists for maintaining alertness. Glare from your desk and computer is also reduced.
The 50 watt halogen bulb supplied produces the light output of a 150-watt bulb, consuming only 1/3 the energy. A true task light that casts an evenly diffused light over a 36" work area circumference. Weighted base measures: 4"x 6"x 4", shade dimension 4"x 6"x 1-1/2", lamp arm reach is 36", 8' cord.

BP MAGNIFIER LAMP
MODEL MG-180

OUR PRICE $69.95
DESCRIPTION
Offers large viewing area for fine details, component assembly and other close work. Has unique double tension control. Die cast shade guards against dents and bulb breakage. Magnification lens is precision ground and polished. Instant starting. Uses one 22 watt T-9 circline fluorescent tube. Three diopter, 13" focus standard on all models. (45" reach). 5" lens diameter. Comes in ivory.
Shipping weight: 8.14 oz approx.

BP ADJUSTABLE COMBINATION LAMP
Ideal For Commercial, Industrial, Institutional and Residential Use.
MODEL LM-130

OUR PRICE $79.95
FEATURES
- 22 watt Fluorescent Lamp and a 75 watt Incandescent bulb.
- Use lamps simultaneously or seperately.
- Clamp style for table or bench mounting.
- 33" Arm reach. • Color: Almond. • UL listed.
- Double insulated shade. • 3-conductor cord.

BP MAGNIFIER LAMP WITH BASE
MODEL MG-182

OUR PRICE $85.00
DESCRIPTION
This lamp has perfectly balanced fluorescent lighting with precision magnifier lens. Tough thermoplastic shade. Easy lens removal. New wire clip design permits easy installation and removal of fluorescent tube. Comes in Ivory with 22 watt circline fluorescent tube. 5" diameter lens, 3 Diopter lens, 33" arm reach. Shipping Wt. 27 lbs.

WELLER® SOLDERING STATIONS
MODEL EC-1001
350°F - 850°F
OUR PRICE
$149.95
Operator selected, electronically controlled temperature range 350°F - 850°F. LED pilot lamp displays heating pulses. Soldering tool holder and stand may be fastened to left or right of main unit, or positioned remotely. Tool holder contains water reservoir with wick to keep sponge moist. Burn proof silicon rubber cord.

SPECIFICATIONS
Soldering Tip: 42 watts, weight 2 oz. **Power Unit:** 120V 60Hz 60w, Output 24 volts, weight: 3 lbs.

MODEL EC-2001
LED DISPLAY 350°F - 850°F **OUR PRICE $196.95**
LED readout of temperature set control. Operator selected temperature range from 350°F - 850°F Soldering tool holder and strand may be fastened to left or right of main unit, or positioned remotely. Tool holder contains water reservoir with wick to keep sponge moist. Burn proof silicon rubber cord.

SPECIFICATIONS **Soldering Tip:** 42 Watts, Wt.: 2oz. **Power Unit:** 120V 60Hz 60w, Output: 24V, Wt.: 3 lbs

WELLER® WTCPS MAGNASTAT TEMPERATURE CONTROL SYSTEM SOLDERING STATION
MODEL WTCPS

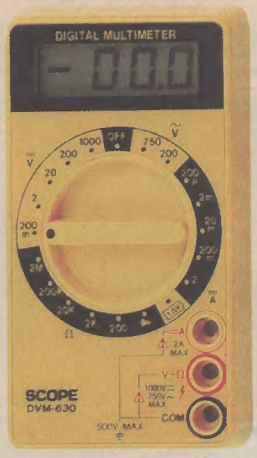
OUR PRICE $87.50
DESCRIPTION
The Weller WTCPS 'Magnastat' temperature control system. Interchangeable tips for 600, 700 and 800°F. Soldering tool holder and stand may be fastened t left or right of main unit, or positioned remotely. Tool holder contains water reservoir with wick to keep sponge moist. Burn proof silicon rubber cord.

SPECIFICATIONS
Soldering Tool: 42 watts, weight 2 oz., **Power Unit:** 120V 60Hz 60w. Output 24 volts. Wt.: 3 lbs.

WELLER TIPS FOR WTCPS
OUR PRICE $3.95 each 10 FOR **$35.00**

MODELS 700°	MODELS 800°	TIP SIZE	DESCRIPTION
PTA7	PTA8	1/16"/1.5mm	Screwdriver
PTAA7	PTAA8	1/16"1.5mm	Single Flat
PTB7	PTB8	3/32"/2.4mm	Screwdriver
PTBB7	PTBB8	3/32"/2.4mm	Single Flat
PTC7	PTC8	1/8"/3mm	Screwdriver
PTCC7	PTCC8	1/8"/3mm	Single Flat
PTD7	PTD8	3/16"/4.7mm	Screwdriver
PTDD7	PTDD8	3/16"/4.7mm	Single Flat
PTE7	PTE8	15/64"/6mm	Screwdriver

MODELS 700°	MODELS 800°	TIP SIZE	DESCRIPTION
PTF7	PTF8	1/32"/0.8mm	Conical Flat
PTH7	PTH8	1/32"/0.8mm	Screwdriver
PTK7	PTK8	3/64"/2mm	Long Screwdriver
PTL7	PTL8	5/64"/0.8mm	Long Screwdriver
PTM7	PTM8	1/8"/3mm	Long Screwdriver
PTO7	PTO8	1/32"/0.8mm	Long Conical
PTP7	PTP8	1/32"/0.8mm	Conical
PTR7	PTR8	1/32"/1.5mm	Narrow Screwdriver
PTS7	PTS8	1/64"/0.40mm	Conical Tip



SCOPE HAND-HELD 3½ DIGIT LCD METER

MODEL DVM-630

FEATURES

- 0.5% Accuracy. • DC Voltage.
- AC Voltage. • DC Current.
- Resistance. • Diode Test.
- Battery Test. • Overload Protected.
- For complete specifications see page 29.

OUR PRICE $29.95 SPECIAL!

SCOPE HAND-HELD 3½ DIGIT LCR METER

MODEL LCR-680

FEATURES

- Measures Capacitance, Resistance and Inductance.
- Overload protected.
- Suited for field service and research applications.
- For complete specifications see page 78.

OUR PRICE $119.95 SPECIAL!

BP UHF/VHF/FM INDOOR ANTENNA

Super Performance
High Sensitivity
On All Bands

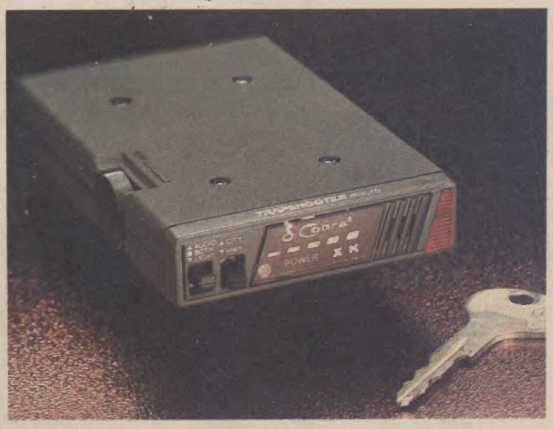
MODEL AN-5310

FEATURES

- 12 position fine tuning rotary control for maximum VHF/FM reception.
- Adjustable UHF element for best UHF reception.
- Wall Mountable: Size (Hanging): 1-7/8"D x 8"W x 13-7/8"H (antenna not extended).
- Size: (Sitting) 10-1/2"H (antenna not extended) x 5-5/8"D x 8"W. Antenna extends 39-1/2" approx.

OUR PRICE

$19.95 SPECIAL!



COBRA TRAPSHOOTER MICRO RADAR DETECTOR

Excellent Rating From Car and Driver

MODEL RD-3160

FEATURES

- "X" and "K" bands.
- Signal Strength Meter.
- Audible Alarm.
- For complete features see page 69.

OUR PRICE

$129.95 SPECIAL!

SOUTHWESTERN BELL FREEDOM PHONE® CORDLESS TELEPHONE CLOCK/RADIO

MODEL FF-700

DESCRIPTION

This value-packed model is ideal for kitchen or bedroom. It features a 500-milliwatt AM/FM radio with built-in alarm clock. Wake to music or alarm. The radio has a three inch front mount speaker, lighted tuner, tone and volume controls, snooze/timer bar, sleep button, and Hi/Lo/Off display switch. The telephone features a 750 ft. range, pulse/tone switchable dialing, and redial (pulse only). This unit can be desk or wall mounted.

OUR PRICE $149.95 SPECIAL!

MIDLAND 120 CHANNEL SINGLE SIDEBAND / AM MOBILE TRANSCEIVER

MODEL 79-265

DESCRIPTION

Midland's 120 channel, professional class Model 79-265 mobile radio has operational features and rugged construction usually found only on commercial two-way radios.

FEATURES

- Full 120 channel operation. • 12 Watts peak envelope power output on SSB.
- Controls: On/Off/Volume, Variable squelch, LSB/AM/USB switch, Variable mic gain, Clarifier, SWR CAL, RF gain, Noise Blanker, ANL, PA/CB and instant Channel 9 switches, Channel selection knob, Push-to-talk bar on mic.
- Aluminum FIN heat sink.
- "J" FET mixer. • Crystal filter.
- Power Requirement: 13.8 VDC, positive or negative ground.
- Size: 7½"W x 2⅛"H x 8⅞"D.
- Accessories supplied: 500Ω mic with coil cord and plug in connector. Mic clip. Slotted mounting bracket and hardware.

OUR PRICE $149.95 NEW!

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